

PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION

**Part Number:** [0781191218](#)  
**Status:** **Active**  
**Overview:** [ffc\\_fpc\\_smt](#)  
**Description:** 0.50mm (.020") Pitch FFC/FPC Connector, SMT, Non ZIF, Vertical, Gold Plating, 21 Circuits, Lead Free

**Documents:**  
[3D Model](#) [Product Specification PS-78119-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

CSA LR19980  
UL E29179

**General**

Product Family FFC/FPC Connectors  
Series [78119](#)  
Overview [ffc\\_fpc\\_smt](#)  
Product Name N/A

**Physical**

Circuits (Loaded) 21  
Color - Resin Natural  
Contact Position N/A  
Durability (mating cycles max) 20  
Entry Angle Vertical  
Flammability 94V-0  
Mated Height (in) 0.161 In  
Mated Height (mm) 4.10 mm  
Material - Metal Copper Alloy  
Material - Plating Mating Gold, Nickel  
Number of Rows 1  
Orientation Vertical  
PCB Locator No  
PCB Retention None  
Packaging Type Embossed Tape on Reel  
Pitch - Mating Interface (in) 0.020 In  
Pitch - Mating Interface (mm) 0.50 mm  
Pitch - Term. Interface (in) 0.020 In  
Pitch - Term. Interface (mm) 0.50 mm  
Polarized to PCB No  
Stackable No  
Temperature Range - Operating -40°C to +85°C  
Termination Interface: Style Surface Mount  
Wire/Cable Type FFC/FPC

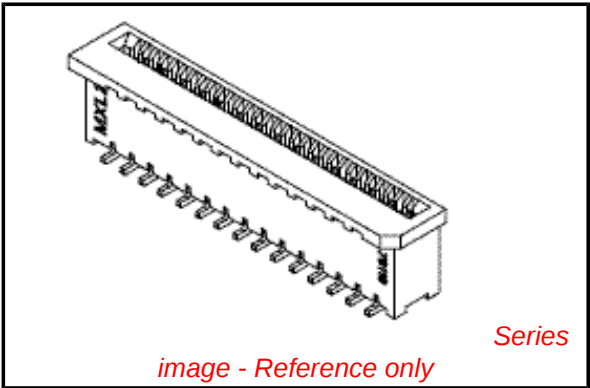
**Electrical**

Current - Maximum per Contact 0.5A  
Voltage - Maximum 50V AC

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification SPK-78119-001  
Product Specification PS-78119-001  
Sales Drawing SD-78119-001



**EU RoHS**  
**ELV and RoHS**  
**Compliant**  
**REACH SVHC**  
**Contains SVHC: No**  
**Halogen-Free**  
**Status**  
**Not Reviewed**

**China RoHS**



**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
For a multiple part number RoHS Certificate of Compliance, [click here](#)

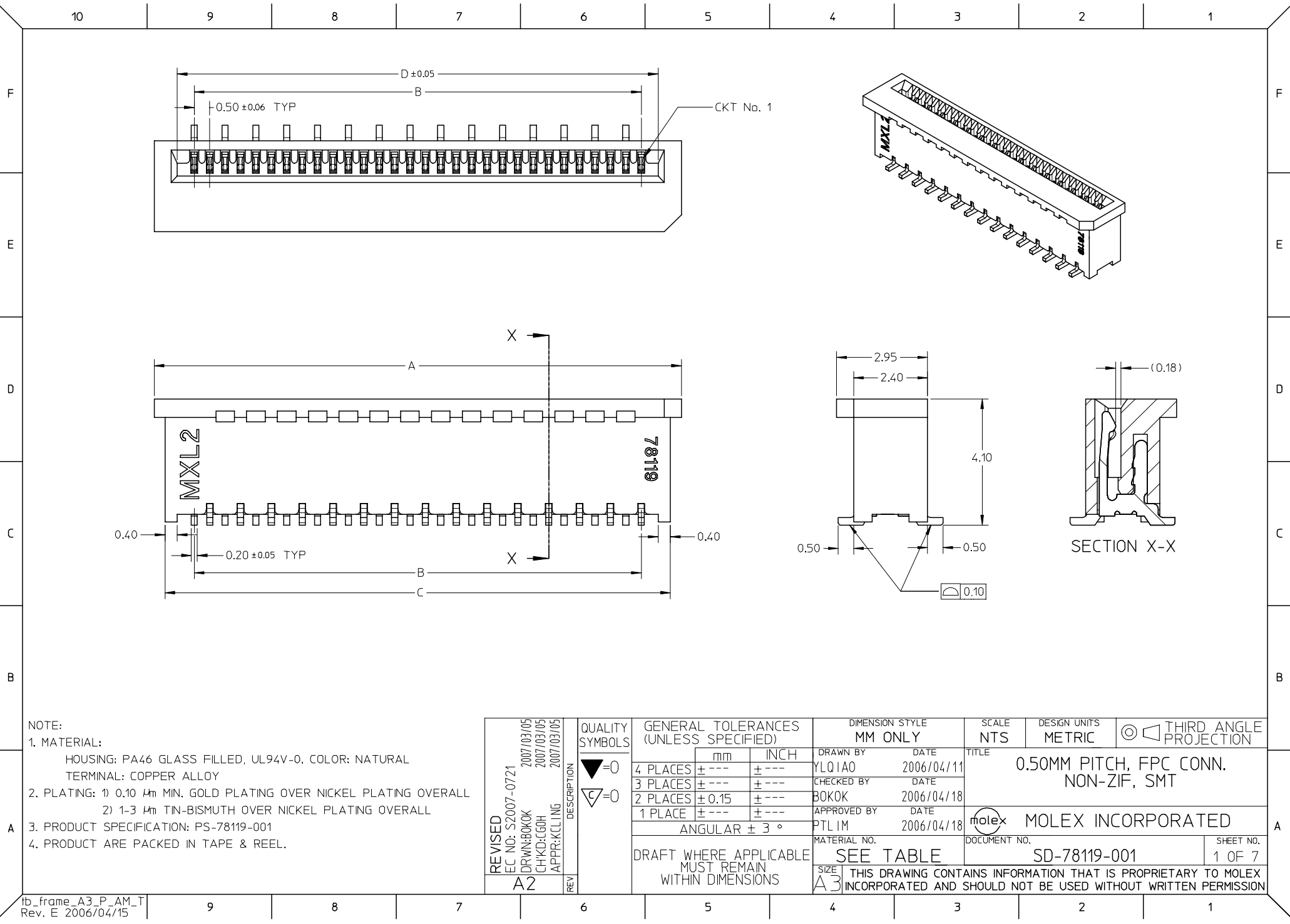
Please visit the [Contact Us](#) section for any non-product compliance questions.

**Search Parts in this Series**  
[78119Series](#)

**Mates With**  
[Standard FFC/FPC Cables](#)

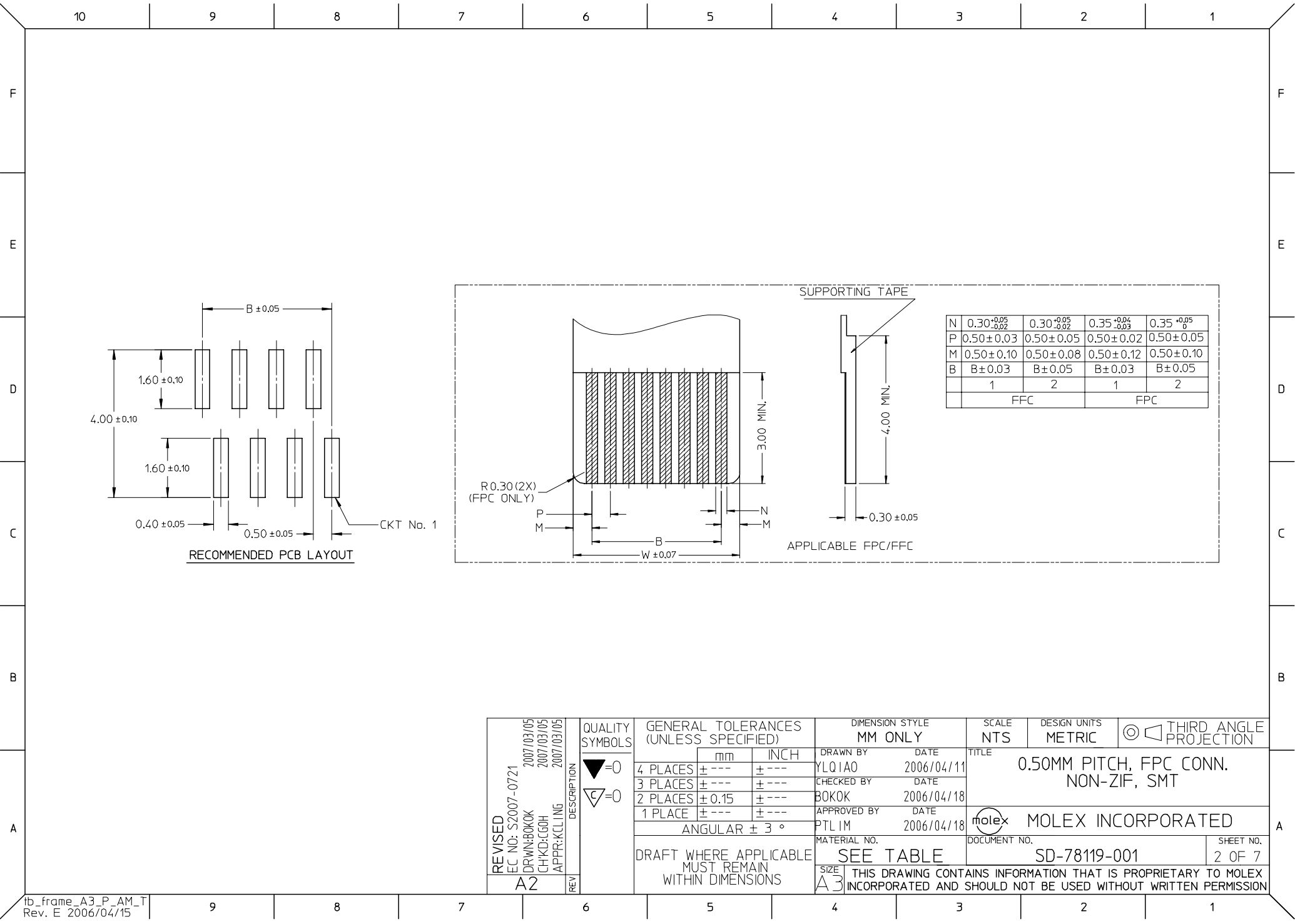
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NOTE:  
1. MATERIAL:  
HOUSING: PA46 GLASS FILLED, UL94V-0, COLOR: NATURAL  
TERMINAL: COPPER ALLOY  
2. PLATING: 1) 0.10  $\mu$ m MIN. GOLD PLATING OVER NICKEL PLATING OVERALL  
2) 1-3  $\mu$ m TIN-BISMUTH OVER NICKEL PLATING OVERALL  
3. PRODUCT SPECIFICATION: PS-78119-001  
4. PRODUCT ARE PACKED IN TAPE & REEL.

|                                                                              |                                                       |                                           |                                                            |               |                            |                       |                                                                                                                                  |                                                  |                                |           |  |  |
|------------------------------------------------------------------------------|-------------------------------------------------------|-------------------------------------------|------------------------------------------------------------|---------------|----------------------------|-----------------------|----------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|--------------------------------|-----------|--|--|
| REVISED<br>EC NO: S2007-0721<br>DRWN:BOKOK<br>CHKD:CGOH<br>APPR:KCLING<br>A2 | DESCRIPTION<br>2007/03/05<br>2007/03/05<br>2007/03/05 | QUALITY<br>SYMBOLS<br><br>▽=0<br><br>▽C=0 | GENERAL TOLERANCES<br>(UNLESS SPECIFIED)                   |               | DIMENSION STYLE<br>MM ONLY |                       | SCALE<br>NTS                                                                                                                     | DESIGN UNITS<br>METRIC                           | THIRD ANGLE<br>PROJECTION<br>◎ |           |  |  |
|                                                                              |                                                       |                                           |                                                            | mm            | INCH                       | DRAWN BY<br>YLQIAO    | DATE<br>2006/04/11                                                                                                               | TITLE<br>0.50MM PITCH, FPC CONN.<br>NON-ZIF, SMT |                                |           |  |  |
|                                                                              |                                                       |                                           | 4 PLACES                                                   | ± ---         | ± ---                      | CHECKED BY<br>BOKOK   | DATE<br>2006/04/18                                                                                                               |                                                  |                                |           |  |  |
|                                                                              |                                                       |                                           | 3 PLACES                                                   | ± ---         | ± ---                      | APPROVED BY<br>PTL IM | DATE<br>2006/04/18                                                                                                               |                                                  |                                |           |  |  |
|                                                                              |                                                       |                                           | 2 PLACES                                                   | ± 0.15        | ± ---                      | MATERIAL NO.          |                                                                                                                                  | DOCUMENT NO.                                     |                                | SHEET NO. |  |  |
| 1 PLACE                                                                      | ± ---                                                 | ± ---                                     | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |               | SIZE<br>A3                 |                       | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                                                  |                                |           |  |  |
|                                                                              |                                                       |                                           |                                                            | ANGULAR ± 3 ° |                            | MOLEX                 |                                                                                                                                  | MOLEX INCORPORATED                               |                                |           |  |  |
|                                                                              |                                                       |                                           |                                                            |               |                            | SEE TABLE             |                                                                                                                                  | SD-78119-001                                     |                                | 1 OF 7    |  |  |



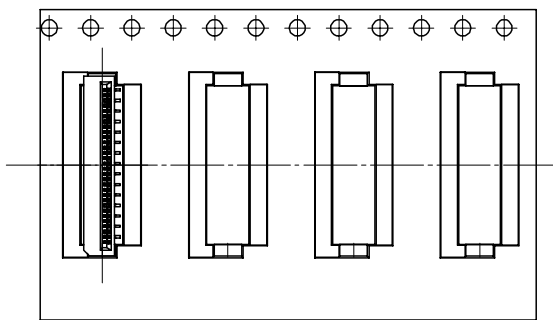
## A

| ASSY P/N<br>W/O PACKAGING | CKT | DIM A | DIM B | DIM C | DIM D | PLATING<br>TYPE |
|---------------------------|-----|-------|-------|-------|-------|-----------------|
| 78119-0318                | 31  | 17.60 | 15.00 | 16.90 | 16.10 | 1               |
| 78119-0328                | 32  | 18.10 | 15.50 | 17.40 | 16.60 |                 |
| 78119-0338                | 33  | 18.60 | 16.00 | 17.90 | 17.10 |                 |
| 78119-0348                | 34  | 19.10 | 16.50 | 18.40 | 17.60 |                 |
| 78119-0358                | 35  | 19.60 | 17.00 | 18.90 | 18.10 |                 |
| 78119-0368                | 36  | 20.10 | 17.50 | 19.40 | 18.60 |                 |
| 78119-0378                | 37  | 20.60 | 18.00 | 19.90 | 19.10 |                 |
| 78119-0388                | 38  | 21.10 | 18.50 | 20.40 | 19.60 |                 |
| 78119-0398                | 39  | 21.60 | 19.00 | 20.90 | 20.10 |                 |
| 78119-0408                | 40  | 22.10 | 19.50 | 21.40 | 20.60 |                 |
| 78119-0418                | 41  | 22.60 | 20.00 | 21.90 | 21.10 |                 |
| 78119-0428                | 42  | 23.10 | 20.50 | 22.40 | 21.60 |                 |

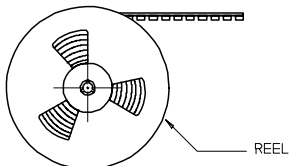
tb\_frame\_A3\_P\_AM\_T  
Rev. E 2006/04/15

|                                         | 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 9           | 8                  | 7                                                          | 6                                                                                                                                | 5               | 4                         | 3          | 2                                       | 1                         |                     |                   |                 |                    |                                          |                 |      |       |              |                           |            |       |            |            |         |      |            |   |      |      |      |           |            |                      |      |          |      |                                         |             |            |        |            |      |      |             |          |                                                            |                       |      |            |            |                    |      |      |                     |      |            |            |               |      |             |      |            |           |        |            |      |      |            |    |      |      |      |              |            |              |              |                     |      |      |            |    |       |                                                                                                                                 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              |     |       |       |       |       |                 |            |    |       |       |       |       |   |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |   |
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| F                                       | TIN-BISMUTH PLATING TERMINAL ASSEMBLY PART NUMBERS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    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                  |                 |      |       |              |                           |            |       |            |            |         |      |            |   |      |      |      |           |            |                      |      |          |      |                                         |             |            |        |            |      |      |             |          |                                                            |                       |      |            |            |                    |      |      |                     |      |            |            |               |      |             |      |            |           |        |            |      |      |            |    |      |      |      |              |            |              |              |                     |      |      |            |    |       |                                                                                                                                  |      |      |            |    |       |      |       |      |            |    |       |      |       |       |            |    |       |      |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |                                                                                                                                                                                                                                                                                                                                                   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| E                                       | <table><tr><th>ASSY P/N<br/>W/O PACKAGING</th><th>CKT</th><th>DIM A</th><th>DIM B</th><th>DIM C</th><th>DIM D</th><th>PLATING<br/>TYPE</th></tr><tr><td>78119-0069</td><td>6</td><td>5.10</td><td>2.50</td><td>4.40</td><td>3.60</td><td rowspan="30">2</td></tr><tr><td>78119-0079</td><td>7</td><td>5.60</td><td>3.00</td><td>4.90</td><td>4.10</td></tr><tr><td>78119-0089</td><td>8</td><td>6.10</td><td>3.50</td><td>5.40</td><td>4.60</td></tr><tr><td>78119-0099</td><td>9</td><td>6.60</td><td>4.00</td><td>5.90</td><td>5.10</td></tr><tr><td>78119-0109</td><td>10</td><td>7.10</td><td>4.50</td><td>6.40</td><td>5.60</td></tr><tr><td>78119-0119</td><td>11</td><td>7.60</td><td>5.00</td><td>6.90</td><td>6.10</td></tr><tr><td>78119-0129</td><td>12</td><td>8.10</td><td>5.50</td><td>7.40</td><td>6.60</td></tr><tr><td>78119-0139</td><td>13</td><td>8.60</td><td>6.00</td><td>7.90</td><td>7.10</td></tr><tr><td>78119-0149</td><td>14</td><td>9.10</td><td>6.50</td><td>8.40</td><td>7.60</td></tr><tr><td>78119-0159</td><td>15</td><td>9.60</td><td>7.00</td><td>8.90</td><td>8.10</td></tr><tr><td>78119-0169</td><td>16</td><td>10.10</td><td>7.50</td><td>9.40</td><td>8.60</td></tr><tr><td>78119-0179</td><td>17</td><td>10.60</td><td>8.00</td><td>9.90</td><td>9.10</td></tr><tr><td>78119-0189</td><td>18</td><td>11.10</td><td>8.50</td><td>10.40</td><td>9.60</td></tr><tr><td>78119-0199</td><td>19</td><td>11.60</td><td>9.00</td><td>10.90</td><td>10.10</td></tr><tr><td>78119-0209</td><td>20</td><td>12.10</td><td>9.50</td><td>11.40</td><td>10.60</td></tr><tr><td>78119-0219</td><td>21</td><td>12.60</td><td>10.00</td><td>11.90</td><td>11.10</td></tr><tr><td>78119-0229</td><td>22</td><td>13.10</td><td>10.50</td><td>12.40</td><td>11.60</td></tr><tr><td>78119-0239</td><td>23</td><td>13.60</td><td>11.00</td><td>12.90</td><td>12.10</td></tr><tr><td>78119-0249</td><td>24</td><td>14.10</td><td>11.50</td><td>13.40</td><td>12.60</td></tr><tr><td>78119-0259</td><td>25</td><td>14.60</td><td>12.00</td><td>13.90</td><td>13.10</td></tr><tr><td>78119-0269</td><td>26</td><td>15.10</td><td>12.50</td><td>14.40</td><td>13.60</td></tr><tr><td>78119-0279</td><td>27</td><td>15.60</td><td>13.00</td><td>14.90</td><td>14.10</td></tr><tr><td>78119-0289</td><td>28</td><td>16.10</td><td>13.50</td><td>15.40</td><td>14.60</td></tr><tr><td>78119-0299</td><td>29</td><td>16.60</td><td>14.00</td><td>15.90</td><td>15.10</td></tr><tr><td>78119-0309</td><td>30</td><td>17.10</td><td>14.50</td><td>16.40</td><td>15.60</td></tr></table> |             |                    |                                                            |                                                                                                                                  |                 | ASSY P/N<br>W/O PACKAGING | CKT        | DIM A                                   | DIM B                     | DIM C               | DIM D             | PLATING<br>TYPE | 78119-0069         | 6                                        | 5.10            | 2.50 | 4.40  | 3.60         | 2                         | 78119-0079 | 7     | 5.60       | 3.00       | 4.90    | 4.10 | 78119-0089 | 8 | 6.10 | 3.50 | 5.40 | 4.60      | 78119-0099 | 9                    | 6.60 | 4.00     | 5.90 | 5.10                                    | 78119-0109  | 10         | 7.10   | 4.50       | 6.40 | 5.60 | 78119-0119  | 11       | 7.60                                                       | 5.00                  | 6.90 | 6.10       | 78119-0129 | 12                 | 8.10 | 5.50 | 7.40                | 6.60 | 78119-0139 | 13         | 8.60          | 6.00 | 7.90        | 7.10 | 78119-0149 | 14        | 9.10   | 6.50       | 8.40 | 7.60 | 78119-0159 | 15 | 9.60 | 7.00 | 8.90 | 8.10         | 78119-0169 | 16           | 10.10        | 7.50                | 9.40 | 8.60 | 78119-0179 | 17 | 10.60 | 8.00                                                                                                                             | 9.90 | 9.10 | 78119-0189 | 18 | 11.10 | 8.50 | 10.40 | 9.60 | 78119-0199 | 19 | 11.60 | 9.00 | 10.90 | 10.10 | 78119-0209 | 20 | 12.10 | 9.50 | 11.40 | 10.60 | 78119-0219 | 21 | 12.60 | 10.00 | 11.90 | 11.10 | 78119-0229 | 22 | 13.10 | 10.50 | 12.40 | 11.60 | 78119-0239 | 23 | 13.60 | 11.00 | 12.90 | 12.10 | 78119-0249 | 24 | 14.10 | 11.50 | 13.40 | 12.60 | 78119-0259 | 25 | 14.60 | 12.00 | 13.90 | 13.10 | 78119-0269 | 26 | 15.10 | 12.50 | 14.40 | 13.60 | 78119-0279 | 27 | 15.60 | 13.00 | 14.90 | 14.10 | 78119-0289 | 28 | 16.10 | 13.50 | 15.40 | 14.60 | 78119-0299 | 29 | 16.60 | 14.00 | 15.90 | 15.10 | 78119-0309 | 30 | 17.10 | 14.50 | 16.40 | 15.60 | <table><tr><th>ASSY P/N<br/>W/O PACKAGING</th><th>CKT</th><th>DIM A</th><th>DIM B</th><th>DIM C</th><th>DIM D</th><th>PLATING<br/>TYPE</th></tr><tr><td>78119-0319</td><td>31</td><td>17.60</td><td>15.00</td><td>16.90</td><td>16.10</td><td 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|  |  |  | ASSY P/N<br>W/O PACKAGING | CKT | DIM A | DIM B | DIM C | DIM D | PLATING<br>TYPE | 78119-0319 | 31 | 17.60 | 15.00 | 16.90 | 16.10 | 2 | 78119-0329 | 32 | 18.10 | 15.50 | 17.40 | 16.60 | 78119-0339 | 33 | 18.60 | 16.00 | 17.90 | 17.10 | 78119-0349 | 34 | 19.10 | 16.50 | 18.40 | 17.60 | 78119-0359 | 35 | 19.60 | 17.00 | 18.90 | 18.10 | 78119-0369 | 36 | 20.10 | 17.50 | 19.40 | 18.60 | 78119-0379 | 37 | 20.60 | 18.00 | 19.90 | 19.10 | 78119-0389 | 38 | 21.10 | 18.50 | 20.40 | 19.60 | 78119-0399 | 39 | 21.60 | 19.00 | 20.90 | 20.10 | 78119-0409 | 40 | 22.10 | 19.50 | 21.40 | 20.60 | 78119-0419 | 41 | 22.60 | 20.00 | 21.90 | 21.10 | 78119-0429 | 42 | 23.10 | 20.50 | 22.40 | 21.60 | E |
| ASSY P/N<br>W/O PACKAGING               | CKT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | DIM A       | DIM B              | DIM C                                                      | DIM D                                                                                                                            | PLATING<br>TYPE |                           |            |                                         |                           |                     |                   |                 |                    |                                          |                 |      |       |              |                           |            |       |            |            |         |      |            |   |      |      |      |           |            |                      |      |          |      |                                         |             |            |        |            |      |      |             |          |                                                            |                       |      |            |            |                    |      |      |                     |      |            |            |               |      |             |      |            |           |        |            |      |      |            |    |      |      |      |              |            |              |              |                     |      |      |            |    |       |                                                                                                                                 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| 78119-0069                              | 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            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| 78119-0079                              | 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            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| 78119-0089                              | 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            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| 78119-0099                              | 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            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| 78119-0109                              | 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           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| 78119-0119                              | 11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           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| 78119-0129                              | 12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           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| 78119-0139                              | 13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           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| 78119-0149                              | 14                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           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| 78119-0159                              | 15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           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| 78119-0169                              | 16                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           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| 78119-0179                              | 17                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           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| 78119-0189                              | 18                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           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| 78119-0199                              | 19                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           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| 78119-0209                              | 20                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           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| 78119-0219                              | 21                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           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| 78119-0229                              | 22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           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| 78119-0239                              | 23                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           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| 78119-0249                              | 24                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           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| 78119-0259                              | 25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           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| 78119-0269                              | 26                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           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| 78119-0279                              | 27                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           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| 78119-0289                              | 28                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           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| 78119-0299                              | 29                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           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| 78119-0309                              | 30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           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| ASSY P/N<br>W/O PACKAGING               | CKT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          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                  |                 |      |       |              |                           |            |       |            |            |         |      |            |   |      |      |      |           |            |                      |      |          |      |                                         |             |            |        |            |      |      |             |          |                                                            |                       |      |            |            |                    |      |      |                     |      |            |            |               |      |             |      |            |           |        |            |      |      |            |    |      |      |      |              |            |              |              |                     |      |      |            |    |       |                                                                                                                                 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| 78119-0319                              | 31                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           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| 78119-0329                              | 32                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           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| 78119-0339                              | 33                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           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                  |                 |      |       |              |                           |            |       |            |            |         |      |            |   |      |      |      |           |            |                      |      |          |      |                                         |             |            |        |            |      |      |             |          |                                                            |                       |      |            |            |                    |      |      |                     |      |            |            |               |      |             |      |            |           |        |            |      |      |            |    |      |      |      |              |            |              |              |                     |      |      |            |    |       |                                                                                                                                 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| 78119-0349                              | 34                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           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                  |                 |      |       |              |                           |            |       |            |            |         |      |            |   |      |      |      |           |            |                      |      |          |      |                                         |             |            |        |            |      |      |             |          |                                                            |                       |      |            |            |                    |      |      |                     |      |            |            |               |      |             |      |            |           |        |            |      |      |            |    |      |      |      |              |            |              |              |                     |      |      |            |    |       |                                                                                                                                 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| 78119-0359                              | 35                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           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                  |                 |      |       |              |                           |            |       |            |            |         |      |            |   |      |      |      |           |            |                      |      |          |      |                                         |             |            |        |            |      |      |             |          |                                                            |                       |      |            |            |                    |      |      |                     |      |            |            |               |      |             |      |            |           |        |            |      |      |            |    |      |      |      |              |            |              |              |                     |      |      |            |    |       |                                                                                                                                 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| 78119-0369                              | 36                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           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                  |                 |      |       |              |                           |            |       |            |            |         |      |            |   |      |      |      |           |            |                      |      |          |      |                                         |             |            |        |            |      |      |             |          |                                                            |                       |      |            |            |                    |      |      |                     |      |            |            |               |      |             |      |            |           |        |            |      |      |            |    |      |      |      |              |            |              |              |                     |      |      |            |    |       |                                                                                                                                 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| 78119-0379                              | 37                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           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                  |                 |      |       |              |                           |            |       |            |            |         |      |            |   |      |      |      |           |            |                      |      |          |      |                                         |             |            |        |            |      |      |             |          |                                                            |                       |      |            |            |                    |      |      |                     |      |            |            |               |      |             |      |            |           |        |            |      |      |            |    |      |      |      |              |            |              |              |                     |      |      |            |    |       |                                                                                                                                 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| 78119-0389                              | 38                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           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                  |                 |      |       |              |                           |            |       |            |            |         |      |            |   |      |      |      |           |            |                      |      |          |      |                                         |             |            |        |            |      |      |             |          |                                                            |                       |      |            |            |                    |      |      |                     |      |            |            |               |      |             |      |            |           |        |            |      |      |            |    |      |      |      |              |            |              |              |                     |      |      |            |    |       |                                                                                                                                 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| 78119-0399                              | 39                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           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                  |                 |      |       |              |                           |            |       |            |            |         |      |            |   |      |      |      |           |            |                      |      |          |      |                                         |             |            |        |            |      |      |             |          |                                                            |                       |      |            |            |                    |      |      |                     |      |            |            |               |      |             |      |            |           |        |            |      |      |            |    |      |      |      |              |            |              |              |                     |      |      |            |    |       |                                                                                                                                 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| 78119-0409                              | 40                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           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                  |                 |      |       |              |                           |            |       |            |            |         |      |            |   |      |      |      |           |            |                      |      |          |      |                                         |             |            |        |            |      |      |             |          |                                                            |                       |      |            |            |                    |      |      |                     |      |            |            |               |      |             |      |            |           |        |            |      |      |            |    |      |      |      |              |            |              |              |                     |      |      |            |    |       |                                                                                                                                 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| 78119-0419                              | 41                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           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                  |                 |      |       |              |                           |            |       |            |            |         |      |            |   |      |      |      |           |            |                      |      |          |      |                                         |             |            |        |            |      |      |             |          |                                                            |                       |      |            |            |                    |      |      |                     |      |            |            |               |      |             |      |            |           |        |            |      |      |            |    |      |      |      |              |            |              |              |                     |      |      |            |    |       |                                                                                                                                 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| 78119-0429                              | 42                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           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                  |                 |      |       |              |                           |            |       |            |            |         |      |            |   |      |      |      |           |            |                      |      |          |      |                                         |             |            |        |            |      |      |             |          |                                                            |                       |      |            |            |                    |      |      |                     |      |            |            |               |      |             |      |            |           |        |            |      |      |            |    |      |      |      |              |            |              |              |                     |      |      |            |    |       |                                                                                                                                 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| A                                       | <table><tr><td rowspan="4">REVISED</td><td>EC NO: S2007-0721</td><td>2007/03/05</td><td rowspan="4">QUALITY<br/>SYMBOLS</td><td rowspan="4">GENERAL TOLERANCES<br/>(UNLESS SPECIFIED)</td><td colspan="2">DIMENSION STYLE</td><td rowspan="2">SCALE</td><td rowspan="2">DESIGN UNITS</td><td colspan="2" rowspan="4"> THIRD ANGLE<br/>PROJECTION</td><td rowspan="2">TITLE</td></tr><tr><td>DRWN:BOKOK</td><td>2007/03/05</td><td colspan="7">MM ONLY</td></tr><tr><td>CHKD:CGOH</td><td>2007/03/05</td><td rowspan="2">4 PLACES ± --- ± ---</td><td rowspan="5">INCH</td><td>DRAWN BY</td><td>DATE</td><td rowspan="6">0.50MM PITCH, FPC CONN.<br/>NON-ZIF, SMT</td></tr><tr><td>APPR:KCLING</td><td>2007/03/05</td><td>YLQIAO</td><td>2006/04/11</td></tr><tr><td rowspan="4">A2</td><td rowspan="6">REV</td><td rowspan="6">DESCRIPTION</td><td rowspan="6">=0<br/>=0</td><td rowspan="6">DRAFT WHERE APPLICABLE<br/>MUST REMAIN<br/>WITHIN DIMENSIONS</td><td colspan="2">2 PLACES ± 0.15 ± ---</td><td>CHECKED BY</td><td>DATE</td><td colspan="3" rowspan="4">MOLEX INCORPORATED</td></tr><tr><td colspan="2">1 PLACE ± --- ± ---</td><td>BOKOK</td><td>2006/04/18</td></tr><tr><td colspan="2">ANGULAR ± 3 °</td><td>APPROVED BY</td><td>DATE</td></tr><tr><td rowspan="2">SIZE<br/>A3</td><td rowspan="3">SEE TABLE</td><td>PTL IM</td><td>2006/04/18</td></tr><tr><td colspan="7"></td><td colspan="2" rowspan="2">MATERIAL NO.</td><td rowspan="2">DOCUMENT NO.</td><td rowspan="2">SD-78119-001</td><td rowspan="2">SHEET NO.<br/>4 OF 7</td></tr><tr><td colspan="5"></td><td colspan="7">THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br/>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION</td></tr></table>                                                                                                                                                                                                                                                                         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TOLERANCES<br>(UNLESS SPECIFIED) | DIMENSION STYLE |      | SCALE | DESIGN UNITS | THIRD ANGLE<br>PROJECTION |            | TITLE | DRWN:BOKOK | 2007/03/05 | MM ONLY |      |            |   |      |      |      | CHKD:CGOH | 2007/03/05 | 4 PLACES ± --- ± --- | INCH | DRAWN BY | DATE | 0.50MM PITCH, FPC CONN.<br>NON-ZIF, SMT | APPR:KCLING | 2007/03/05 | YLQIAO | 2006/04/11 | A2   | REV  | DESCRIPTION | =0<br>=0 | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS | 2 PLACES ± 0.15 ± --- |      | CHECKED BY | DATE       | MOLEX INCORPORATED |      |      | 1 PLACE ± --- ± --- |      | BOKOK      | 2006/04/18 | ANGULAR ± 3 ° |      | APPROVED BY | DATE | SIZE<br>A3 | SEE TABLE | PTL IM | 2006/04/18 |      |      |            |    |      |      |      | MATERIAL NO. |            | DOCUMENT NO. | SD-78119-001 | SHEET NO.<br>4 OF 7 |      |      |            |    |       | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |      |      |            |    |       |      | A     |      |            |    |       |      |       |       |            |    |       |      |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |                                                                                                                                                                                                                                                                                                                                 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| REVISED                                 | EC NO: S2007-0721                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 2007/03/05  | QUALITY<br>SYMBOLS | GENERAL TOLERANCES<br>(UNLESS SPECIFIED)                   | DIMENSION STYLE                                                                                                                  |                 |                           | SCALE      | DESIGN UNITS                            | THIRD ANGLE<br>PROJECTION |                     | TITLE             |                 |                    |                                          |                 |      |       |              |                           |            |       |            |            |         |      |            |   |      |      |      |           |            |                      |      |          |      |                                         |             |            |        |            |      |      |             |          |                                                            |                       |      |            |            |                    |      |      |                     |      |            |            |               |      |             |      |            |           |        |            |      |      |            |    |      |      |      |              |            |              |              |                     |      |      |            |    |       |                                                                                                                                  |      |      |            |    |       |      |       |      |            |    |       |      |       |       |            |    |       |      |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |                                                                                                                                                                                                                                                                                                                                                   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              |     |       |       |       |       |                 |            |    |       |       |       |       |   |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |   |
|                                         | DRWN:BOKOK                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 2007/03/05  |                    |                                                            | MM ONLY                                                                                                                          |                 |                           |            |                                         |                           |                     |                   |                 |                    |                                          |                 |      |       |              |                           |            |       |            |            |         |      |            |   |      |      |      |           |            |                      |      |          |      |                                         |             |            |        |            |      |      |             |          |                                                            |                       |      |            |            |                    |      |      |                     |      |            |            |               |      |             |      |            |           |        |            |      |      |            |    |      |      |      |              |            |              |              |                     |      |      |            |    |       |                                                                                                                                  |      |      |            |    |       |      |       |      |            |    |       |      |       |       |            |    |       |      |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |                                                                                                                                                                                                                                                                                                                                                   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              |     |       |       |       |       |                 |            |    |       |       |       |       |   |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |   |
|                                         | CHKD:CGOH                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 2007/03/05  |                    |                                                            | 4 PLACES ± --- ± ---                                                                                                             | INCH            | DRAWN BY                  | DATE       | 0.50MM PITCH, FPC CONN.<br>NON-ZIF, SMT |                           |                     |                   |                 |                    |                                          |                 |      |       |              |                           |            |       |            |            |         |      |            |   |      |      |      |           |            |                      |      |          |      |                                         |             |            |        |            |      |      |             |          |                                                            |                       |      |            |            |                    |      |      |                     |      |            |            |               |      |             |      |            |           |        |            |      |      |            |    |      |      |      |              |            |              |              |                     |      |      |            |    |       |                                                                                                                                  |      |      |            |    |       |      |       |      |            |    |       |      |       |       |            |    |       |      |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |                                                                                                                                                                                                                                                                                                                                                   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|                                         | APPR:KCLING                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 2007/03/05  |                    |                                                            |                                                                                                                                  |                 | YLQIAO                    | 2006/04/11 |                                         |                           |                     |                   |                 |                    |                                          |                 |      |       |              |                           |            |       |            |            |         |      |            |   |      |      |      |           |            |                      |      |          |      |                                         |             |            |        |            |      |      |             |          |                                                            |                       |      |            |            |                    |      |      |                     |      |            |            |               |      |             |      |            |           |        |            |      |      |            |    |      |      |      |              |            |              |              |                     |      |      |            |    |       |                                                                                                                                  |      |      |            |    |       |      |       |      |            |    |       |      |       |       |            |    |       |      |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |                                                                                                                                                                                                                                                                                                                                                   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| A2                                      | REV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | DESCRIPTION | =0<br>=0           | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS | 2 PLACES ± 0.15 ± ---                                                                                                            |                 | CHECKED BY                | DATE       |                                         | MOLEX INCORPORATED        |                     |                   |                 |                    |                                          |                 |      |       |              |                           |            |       |            |            |         |      |            |   |      |      |      |           |            |                      |      |          |      |                                         |             |            |        |            |      |      |             |          |                                                            |                       |      |            |            |                    |      |      |                     |      |            |            |               |      |             |      |            |           |        |            |      |      |            |    |      |      |      |              |            |              |              |                     |      |      |            |    |       |                                                                                                                                  |      |      |            |    |       |      |       |      |            |    |       |      |       |       |            |    |       |      |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |                                                                                                                                                                                                                                                                                                                                                   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|                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |             |                    |                                                            | 1 PLACE ± --- ± ---                                                                                                              |                 | BOKOK                     | 2006/04/18 |                                         |                           |                     |                   |                 |                    |                                          |                 |      |       |              |                           |            |       |            |            |         |      |            |   |      |      |      |           |            |                      |      |          |      |                                         |             |            |        |            |      |      |             |          |                                                            |                       |      |            |            |                    |      |      |                     |      |            |            |               |      |             |      |            |           |        |            |      |      |            |    |      |      |      |              |            |              |              |                     |      |      |            |    |       |                                                                                                                                  |      |      |            |    |       |      |       |      |            |    |       |      |       |       |            |    |       |      |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |                                                                                                                                                                                                                                                                                                                                                   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|                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |             |                    |                                                            | ANGULAR ± 3 °                                                                                                                    |                 | APPROVED BY               | DATE       |                                         |                           |                     |                   |                 |                    |                                          |                 |      |       |              |                           |            |       |            |            |         |      |            |   |      |      |      |           |            |                      |      |          |      |                                         |             |            |        |            |      |      |             |          |                                                            |                       |      |            |            |                    |      |      |                     |      |            |            |               |      |             |      |            |           |        |            |      |      |            |    |      |      |      |              |            |              |              |                     |      |      |            |    |       |                                                                                                                                  |      |      |            |    |       |      |       |      |            |    |       |      |       |       |            |    |       |      |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |                                                                                                                                                                                                                                                                                                                                                   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|                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |             |                    |                                                            | SIZE<br>A3                                                                                                                       | SEE TABLE       | PTL IM                    | 2006/04/18 |                                         |                           |                     |                   |                 |                    |                                          |                 |      |       |              |                           |            |       |            |            |         |      |            |   |      |      |      |           |            |                      |      |          |      |                                         |             |            |        |            |      |      |             |          |                                                            |                       |      |            |            |                    |      |      |                     |      |            |            |               |      |             |      |            |           |        |            |      |      |            |    |      |      |      |              |            |              |              |                     |      |      |            |    |       |                                                                                                                                  |      |      |            |    |       |      |       |      |            |    |       |      |       |       |            |    |       |      |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |                                                                                                                                                                                                                                                                                                                                                   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|                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |             |                    |                                                            |                                                                                                                                  |                 | MATERIAL NO.              |            | DOCUMENT NO.                            | SD-78119-001              | SHEET NO.<br>4 OF 7 |                   |                 |                    |                                          |                 |      |       |              |                           |            |       |            |            |         |      |            |   |      |      |      |           |            |                      |      |          |      |                                         |             |            |        |            |      |      |             |          |                                                            |                       |      |            |            |                    |      |      |                     |      |            |            |               |      |             |      |            |           |        |            |      |      |            |    |      |      |      |              |            |              |              |                     |      |      |            |    |       |                                                                                                                                  |      |      |            |    |       |      |       |      |            |    |       |      |       |       |            |    |       |      |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |                                                                                                                                                                                                                                                                                                                                                   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|                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |             |                    |                                                            | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                 |                           |            |                                         |                           |                     |                   |                 |                    |                                          |                 |      |       |              |                           |            |       |            |            |         |      |            |   |      |      |      |           |            |                      |      |          |      |                                         |             |            |        |            |      |      |             |          |                                                            |                       |      |            |            |                    |      |      |                     |      |            |            |               |      |             |      |            |           |        |            |      |      |            |    |      |      |      |              |            |              |              |                     |      |      |            |    |       |                                                                                                                                  |      |      |            |    |       |      |       |      |            |    |       |      |       |       |            |    |       |      |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |                                                                                                                                                                                                                                                                                                                                                   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| tb_frame_A3_P_AM_T<br>Rev. E 2006/04/15 | 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         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       |      |       |              |                           |            |       |            |            |         |      |            |   |      |      |      |           |            |                      |      |          |      |                                         |             |            |        |            |      |      |             |          |                                                            |                       |      |            |            |                    |      |      |                     |      |            |            |               |      |             |      |            |           |        |            |      |      |            |    |      |      |      |              |            |              |              |                     |      |      |            |    |       |                                                                                                                                  |      |      |            |    |       |      |       |      |            |    |       |      |       |       |            |    |       |      |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |            |    |       |       |       |       |                                                                                                                                                                                                                                                                                                                                                                               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EMBOSSED TYPE A



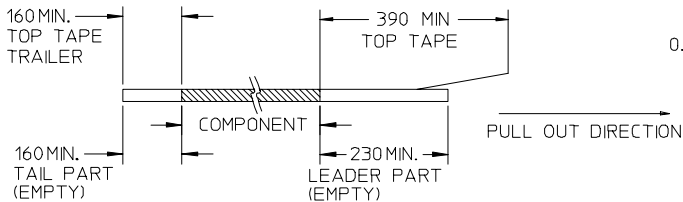
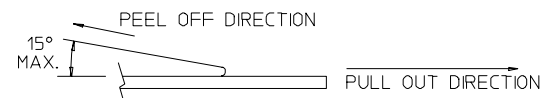
CUSTOMER  
PULL OUT DIRECTION



REEL

## NOTES:

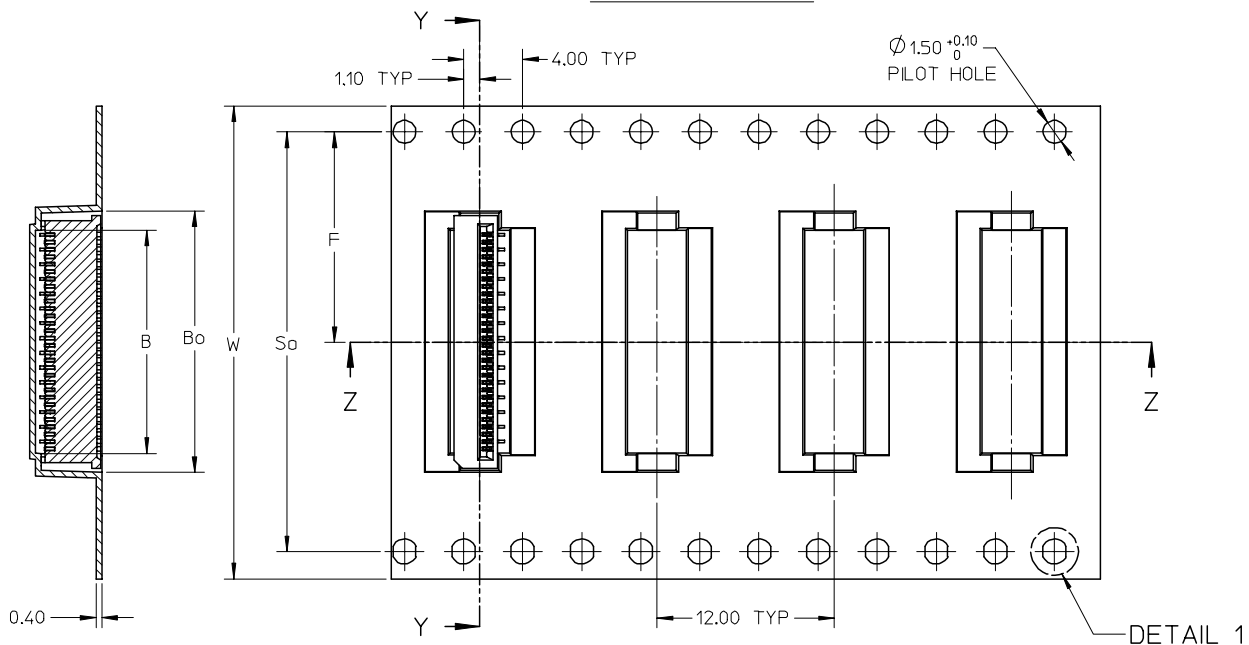
## 1. LEADER AND TRAILER TAPE

2. PEELING OFF FORCE OF THE TOP TAPE: 20-80gf.  
(PEELING DIRECTION AS SHOWN IN FOLLOWING FIGURE)

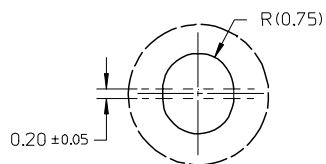
## 3. PACKAGING STANDARD IS AS PER EIA-481.

## 4. TAPE &amp; REEL QUANTITY = 1000 PCS/REEL

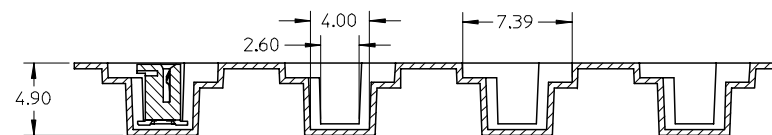
EMBOSSED TYPE B



SECTION Y-Y



DETAIL 1



SECTION Z-Z

|                                                                              |                                                                                                                                                                                                                                                                                     |                                         |                            |                                       |      |                            |                                                                                                                               |                |                        |                                                                                                                 |                 |       |               |       |               |  |                                                                                                                                                                                                                        |  |                    |                    |                     |                    |                       |                    |                                                  |  |  |
|------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------|----------------------------|---------------------------------------|------|----------------------------|-------------------------------------------------------------------------------------------------------------------------------|----------------|------------------------|-----------------------------------------------------------------------------------------------------------------|-----------------|-------|---------------|-------|---------------|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------|--------------------|---------------------|--------------------|-----------------------|--------------------|--------------------------------------------------|--|--|
| REVISED<br>EC NO: S2007-0721<br>DRWN:BOKOK<br>CHKD:CGOH<br>APPR:KCLING<br>A2 | 2007/03/05                                                                                                                                                                                                                                                                          | DESCRIPTION<br>2007/03/05<br>2007/03/05 | QUALITY SYMBOLS<br><br>▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED) |      | DIMENSION STYLE<br>MM ONLY |                                                                                                                               | SCALE<br>NTS   | DESIGN UNITS<br>METRIC |  THIRD ANGLE<br>PROJECTION |                 |       |               |       |               |  |                                                                                                                                                                                                                        |  |                    |                    |                     |                    |                       |                    |                                                  |  |  |
|                                                                              | <table><tr><td>mm</td><td>INCH</td></tr><tr><td>4 PLACES ± ---</td><td>± ---</td></tr><tr><td>3 PLACES ± ---</td><td>± ---</td></tr><tr><td>2 PLACES ± 0.15</td><td>± ---</td></tr><tr><td>1 PLACE ± ---</td><td>± ---</td></tr><tr><td colspan="2">ANGULAR ± 3 °</td></tr></table> |                                         |                            | mm                                    | INCH | 4 PLACES ± ---             | ± ---                                                                                                                         | 3 PLACES ± --- | ± ---                  |                                                                                                                 | 2 PLACES ± 0.15 | ± --- | 1 PLACE ± --- | ± --- | ANGULAR ± 3 ° |  | <table><tr><td>DRAWN BY<br/>YLQIAO</td><td>DATE<br/>2006/04/11</td></tr><tr><td>CHECKED BY<br/>BOKOK</td><td>DATE<br/>2006/04/18</td></tr><tr><td>APPROVED BY<br/>PTL IM</td><td>DATE<br/>2006/04/18</td></tr></table> |  | DRAWN BY<br>YLQIAO | DATE<br>2006/04/11 | CHECKED BY<br>BOKOK | DATE<br>2006/04/18 | APPROVED BY<br>PTL IM | DATE<br>2006/04/18 | TITLE<br>0.50MM PITCH, FPC CONN.<br>NON-ZIF, SMT |  |  |
|                                                                              | mm                                                                                                                                                                                                                                                                                  |                                         |                            | INCH                                  |      |                            |                                                                                                                               |                |                        |                                                                                                                 |                 |       |               |       |               |  |                                                                                                                                                                                                                        |  |                    |                    |                     |                    |                       |                    |                                                  |  |  |
|                                                                              | 4 PLACES ± ---                                                                                                                                                                                                                                                                      |                                         |                            | ± ---                                 |      |                            |                                                                                                                               |                |                        |                                                                                                                 |                 |       |               |       |               |  |                                                                                                                                                                                                                        |  |                    |                    |                     |                    |                       |                    |                                                  |  |  |
|                                                                              | 3 PLACES ± ---                                                                                                                                                                                                                                                                      |                                         |                            | ± ---                                 |      |                            |                                                                                                                               |                |                        |                                                                                                                 |                 |       |               |       |               |  |                                                                                                                                                                                                                        |  |                    |                    |                     |                    |                       |                    |                                                  |  |  |
| 2 PLACES ± 0.15                                                              | ± ---                                                                                                                                                                                                                                                                               |                                         |                            |                                       |      |                            |                                                                                                                               |                |                        |                                                                                                                 |                 |       |               |       |               |  |                                                                                                                                                                                                                        |  |                    |                    |                     |                    |                       |                    |                                                  |  |  |
| 1 PLACE ± ---                                                                | ± ---                                                                                                                                                                                                                                                                               |                                         |                            |                                       |      |                            |                                                                                                                               |                |                        |                                                                                                                 |                 |       |               |       |               |  |                                                                                                                                                                                                                        |  |                    |                    |                     |                    |                       |                    |                                                  |  |  |
| ANGULAR ± 3 °                                                                |                                                                                                                                                                                                                                                                                     |                                         |                            |                                       |      |                            |                                                                                                                               |                |                        |                                                                                                                 |                 |       |               |       |               |  |                                                                                                                                                                                                                        |  |                    |                    |                     |                    |                       |                    |                                                  |  |  |
| DRAWN BY<br>YLQIAO                                                           | DATE<br>2006/04/11                                                                                                                                                                                                                                                                  |                                         |                            |                                       |      |                            |                                                                                                                               |                |                        |                                                                                                                 |                 |       |               |       |               |  |                                                                                                                                                                                                                        |  |                    |                    |                     |                    |                       |                    |                                                  |  |  |
| CHECKED BY<br>BOKOK                                                          | DATE<br>2006/04/18                                                                                                                                                                                                                                                                  |                                         |                            |                                       |      |                            |                                                                                                                               |                |                        |                                                                                                                 |                 |       |               |       |               |  |                                                                                                                                                                                                                        |  |                    |                    |                     |                    |                       |                    |                                                  |  |  |
| APPROVED BY<br>PTL IM                                                        | DATE<br>2006/04/18                                                                                                                                                                                                                                                                  |                                         |                            |                                       |      |                            |                                                                                                                               |                |                        |                                                                                                                 |                 |       |               |       |               |  |                                                                                                                                                                                                                        |  |                    |                    |                     |                    |                       |                    |                                                  |  |  |
| DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                   |                                                                                                                                                                                                                                                                                     | SEE TABLE                               |                            | DOCUMENT NO.<br>SD-78119-001          |      | SHEET NO.<br>5 OF 7        |                                                                                                                               |                |                        |                                                                                                                 |                 |       |               |       |               |  |                                                                                                                                                                                                                        |  |                    |                    |                     |                    |                       |                    |                                                  |  |  |
| SIZE<br>A3                                                                   |                                                                                                                                                                                                                                                                                     |                                         |                            |                                       |      |                            | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                |                        |                                                                                                                 |                 |       |               |       |               |  |                                                                                                                                                                                                                        |  |                    |                    |                     |                    |                       |                    |                                                  |  |  |

|                                                                                                                 | 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   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                               |    |                            |                  |              |                        |                           |       |          |       |       |                    |                    |                                         |            |   |          |       |       |                     |                    |                    |            |   |          |        |       |                       |                    |              |            |   |         |   |       |               |              |              |                     |                                                                                                                                  |                                                            |   |       |      |      |            |            |    |            |   |       |      |      |            |            |    |       |   |       |      |      |            |            |    |       |   |       |      |      |            |            |    |       |   |       |      |      |            |            |    |       |   |       |      |      |            |            |    |       |   |       |       |      |            |            |    |       |   |       |       |      |            |            |    |       |   |       |       |      |            |            |    |       |   |       |       |      |            |            |    |       |   |       |       |       |            |            |    |       |       |       |       |       |            |            |    |       |       |       |       |       |            |            |    |       |       |       |       |       |            |            |    |       |       |       |       |       |            |            |    |       |       |       |       |       |            |            |    |       |       |       |       |       |            |            |    |       |       |       |       |       |            |            |    |   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------|------|------------|------------|----|-------|---|-------|------|------|------------|------------|----|-------|---|-------|------|------|------------|------------|----|-------|---|-------|-------|------|------------|------------|----|-------|---|-------|-------|------|------------|------------|----|-------|---|-------|-------|------|------------|------------|----|-------|---|-------|-------|------|------------|------------|----|-------|---|-------|-------|-------|------------|------------|----|-------|-------|-------|-------|-------|------------|------------|----|-------|-------|-------|-------|-------|------------|------------|----|-------|-------|-------|-------|-------|------------|------------|----|-------|-------|-------|-------|-------|------------|------------|----|-------|-------|-------|-------|-------|------------|------------|----|-------|-------|-------|-------|-------|------------|------------|----|-------|-------|-------|-------|-------|------------|------------|----|-------|-------|-------|-------|-------|------------|------------|----|-------|-------|-------|-------|-------|------------|------------|----|-------|-------|-------|-------|-------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|--|---------------------------|---------------------------|-----|---|----|---|----|---|------------------|------------|------------|----|-------|-------|-------|-------|-------|---|------------|------------|----|-------|-------|-------|-------|-------|------------|------------|----|-------|-------|-------|-------|-------|------------|------------|----|-------|-------|-------|-------|-------|------------|------------|----|-------|-------|-------|-------|-------|------------|------------|----|-------|-------|-------|-------|-------|------------|------------|----|-------|-------|-------|-------|-------|------------|------------|----|-------|-------|-------|-------|-------|------------|------------|----|-------|-------|-------|-------|-------|------------|------------|----|-------|-------|-------|-------|-------|------------|------------|----|-------|-------|-------|-------|-------|------------|------------|----|-------|-------|-------|-------|-------|---|
| F                                                                                                               | GOLD PLATING TERMINAL ASSEMBLY PART NUMBERS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   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                               |    |                            |                  |              |                        |                           |       |          |       |       |                    |                    |                                         |            |   |          |       |       |                     |                    |                    |            |   |          |        |       |                       |                    |              |            |   |         |   |       |               |              |              |                     |                                                                                                                                  |                                                            |   |       |      |      |            |            |    |            |   |       |      |      |            |            |    |       |   |       |      |      |            |            |    |       |   |       |      |      |            |            |    |       |   |       |      |      |            |            |    |       |   |       |      |      |            |            |    |       |   |       |       |      |            |            |    |       |   |       |       |      |            |            |    |       |   |       |       |      |            |            |    |       |   |       |       |      |            |            |    |       |   |       |       |       |            |            |    |       |       |       |       |       |            |            |    |       |       |       |       |       |            |            |    |       |       |       |       |       |            |            |    |       |       |       |       |       |            |            |    |       |       |       |       |       |            |            |    |       |       |       |       |       |            |            |    |       |       |       |       |       |            |            |    |   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| E                                                                                                               | <table><tr><th>ASSY P/N<br/>PACKED IN T&amp;R</th><th>ASSY P/N<br/>W/O PACKAGING</th><th>CKT</th><th>W</th><th>So</th><th>F</th><th>Bo</th><th>B</th><th>EMBOSSED<br/>TYPE</th></tr><tr><td>78119-1068</td><td>78119-0068</td><td>6</td><td>24.00</td><td>-</td><td>11.50</td><td>5.40</td><td>3.10</td><td rowspan="10">A</td></tr><tr><td>78119-1078</td><td>78119-0078</td><td>7</td><td>24.00</td><td>-</td><td>11.50</td><td>5.90</td><td>3.60</td></tr><tr><td>78119-1088</td><td>78119-0088</td><td>8</td><td>24.00</td><td>-</td><td>11.50</td><td>6.40</td><td>4.10</td></tr><tr><td>78119-1098</td><td>78119-0098</td><td>9</td><td>24.00</td><td>-</td><td>11.50</td><td>6.90</td><td>4.60</td></tr><tr><td>78119-1108</td><td>78119-0108</td><td>10</td><td>24.00</td><td>-</td><td>11.50</td><td>7.40</td><td>5.10</td></tr><tr><td>78119-1118</td><td>78119-0118</td><td>11</td><td>24.00</td><td>-</td><td>11.50</td><td>7.90</td><td>5.60</td></tr><tr><td>78119-1128</td><td>78119-0128</td><td>12</td><td>24.00</td><td>-</td><td>11.50</td><td>8.40</td><td>6.10</td></tr><tr><td>78119-1138</td><td>78119-0138</td><td>13</td><td>24.00</td><td>-</td><td>11.50</td><td>8.90</td><td>6.60</td></tr><tr><td>78119-1148</td><td>78119-0148</td><td>14</td><td>24.00</td><td>-</td><td>11.50</td><td>9.40</td><td>7.10</td></tr><tr><td>78119-1158</td><td>78119-0158</td><td>15</td><td>24.00</td><td>-</td><td>11.50</td><td>9.90</td><td>7.60</td></tr><tr><td>78119-1168</td><td>78119-0168</td><td>16</td><td>24.00</td><td>-</td><td>11.50</td><td>10.40</td><td>8.10</td></tr><tr><td>78119-1178</td><td>78119-0178</td><td>17</td><td>24.00</td><td>-</td><td>11.50</td><td>10.90</td><td>8.60</td></tr><tr><td>78119-1188</td><td>78119-0188</td><td>18</td><td>24.00</td><td>-</td><td>11.50</td><td>11.40</td><td>9.10</td></tr><tr><td>78119-1198</td><td>78119-0198</td><td>19</td><td>24.00</td><td>-</td><td>11.50</td><td>11.90</td><td>9.60</td></tr><tr><td>78119-1208</td><td>78119-0208</td><td>20</td><td>24.00</td><td>-</td><td>11.50</td><td>12.40</td><td>10.10</td></tr><tr><td>78119-1218</td><td>78119-0218</td><td>21</td><td>32.00</td><td>28.40</td><td>14.20</td><td>12.90</td><td>10.60</td></tr><tr><td>78119-1228</td><td>78119-0228</td><td>22</td><td>32.00</td><td>28.40</td><td>14.20</td><td>13.40</td><td>11.10</td></tr><tr><td>78119-1238</td><td>78119-0238</td><td>23</td><td>32.00</td><td>28.40</td><td>14.20</td><td>13.90</td><td>11.60</td></tr><tr><td>78119-1248</td><td>78119-0248</td><td>24</td><td>32.00</td><td>28.40</td><td>14.20</td><td>14.40</td><td>12.10</td></tr><tr><td>78119-1258</td><td>78119-0258</td><td>25</td><td>32.00</td><td>28.40</td><td>14.20</td><td>14.90</td><td>12.60</td></tr><tr><td>78119-1268</td><td>78119-0268</td><td>26</td><td>32.00</td><td>28.40</td><td>14.20</td><td>15.40</td><td>13.10</td></tr><tr><td>78119-1278</td><td>78119-0278</td><td>27</td><td>32.00</td><td>28.40</td><td>14.20</td><td>15.90</td><td>13.60</td></tr><tr><td>78119-1288</td><td>78119-0288</td><td>28</td><td>32.00</td><td>28.40</td><td>14.20</td><td>16.40</td><td>14.10</td></tr><tr><td>78119-1298</td><td>78119-0298</td><td>29</td><td>32.00</td><td>28.40</td><td>14.20</td><td>16.90</td><td>14.60</td></tr><tr><td>78119-1308</td><td>78119-0308</td><td>30</td><td>32.00</td><td>28.40</td><td>14.20</td><td>17.40</td><td>15.10</td></tr></table> |                                   |                                                            |        |                            |                       |                    |                                         | ASSY P/N<br>PACKED IN T&R | ASSY P/N<br>W/O PACKAGING                                                                                                        | CKT                                                                                                             | W                  | So                                | F                                        | Bo | B                          | EMBOSSED<br>TYPE | 78119-1068   | 78119-0068             | 6                         | 24.00 | -        | 11.50 | 5.40  | 3.10               | A                  | 78119-1078                              | 78119-0078 | 7 | 24.00    | -     | 11.50 | 5.90                | 3.60               | 78119-1088         | 78119-0088 | 8 | 24.00    | -      | 11.50 | 6.40                  | 4.10               | 78119-1098   | 78119-0098 | 9 | 24.00   | - | 11.50 | 6.90          | 4.60         | 78119-1108   | 78119-0108          | 10                                                                                                                               | 24.00                                                      | - | 11.50 | 7.40 | 5.10 | 78119-1118 | 78119-0118 | 11 | 24.00      | - | 11.50 | 7.90 | 5.60 | 78119-1128 | 78119-0128 | 12 | 24.00 | - | 11.50 | 8.40 | 6.10 | 78119-1138 | 78119-0138 | 13 | 24.00 | - | 11.50 | 8.90 | 6.60 | 78119-1148 | 78119-0148 | 14 | 24.00 | - | 11.50 | 9.40 | 7.10 | 78119-1158 | 78119-0158 | 15 | 24.00 | - | 11.50 | 9.90 | 7.60 | 78119-1168 | 78119-0168 | 16 | 24.00 | - | 11.50 | 10.40 | 8.10 | 78119-1178 | 78119-0178 | 17 | 24.00 | - | 11.50 | 10.90 | 8.60 | 78119-1188 | 78119-0188 | 18 | 24.00 | - | 11.50 | 11.40 | 9.10 | 78119-1198 | 78119-0198 | 19 | 24.00 | - | 11.50 | 11.90 | 9.60 | 78119-1208 | 78119-0208 | 20 | 24.00 | - | 11.50 | 12.40 | 10.10 | 78119-1218 | 78119-0218 | 21 | 32.00 | 28.40 | 14.20 | 12.90 | 10.60 | 78119-1228 | 78119-0228 | 22 | 32.00 | 28.40 | 14.20 | 13.40 | 11.10 | 78119-1238 | 78119-0238 | 23 | 32.00 | 28.40 | 14.20 | 13.90 | 11.60 | 78119-1248 | 78119-0248 | 24 | 32.00 | 28.40 | 14.20 | 14.40 | 12.10 | 78119-1258 | 78119-0258 | 25 | 32.00 | 28.40 | 14.20 | 14.90 | 12.60 | 78119-1268 | 78119-0268 | 26 | 32.00 | 28.40 | 14.20 | 15.40 | 13.10 | 78119-1278 | 78119-0278 | 27 | 32.00 | 28.40 | 14.20 | 15.90 | 13.60 | 78119-1288 | 78119-0288 | 28 | 32.00 | 28.40 | 14.20 | 16.40 | 14.10 | 78119-1298 | 78119-0298 | 29 | 32.00 | 28.40 | 14.20 | 16.90 | 14.60 | 78119-1308 | 78119-0308 | 30 | 32.00 | 28.40 | 14.20 | 17.40 | 15.10 | <table><tr><th>ASSY P/N<br/>PACKED IN T&amp;R</th><th>ASSY P/N<br/>W/O PACKAGING</th><th>CKT</th><th>W</th><th>So</th><th>F</th><th>Bo</th><th>B</th><th>EMBOSSED<br/>TYPE</th></tr><tr><td>78119-1318</td><td>78119-0318</td><td>31</td><td>32.00</td><td>28.40</td><td>14.20</td><td>17.90</td><td>15.60</td><td rowspan="10">B</td></tr><tr><td>78119-1328</td><td>78119-0328</td><td>32</td><td>32.00</td><td>28.40</td><td>14.20</td><td>18.40</td><td>16.10</td></tr><tr><td>78119-1338</td><td>78119-0338</td><td>33</td><td>32.00</td><td>28.40</td><td>14.20</td><td>18.90</td><td>16.60</td></tr><tr><td>78119-1348</td><td>78119-0348</td><td>34</td><td>32.00</td><td>28.40</td><td>14.20</td><td>19.40</td><td>17.10</td></tr><tr><td>78119-1358</td><td>78119-0358</td><td>35</td><td>32.00</td><td>28.40</td><td>14.20</td><td>19.90</td><td>17.60</td></tr><tr><td>78119-1368</td><td>78119-0368</td><td>36</td><td>32.00</td><td>28.40</td><td>14.20</td><td>20.40</td><td>18.10</td></tr><tr><td>78119-1378</td><td>78119-0378</td><td>37</td><td>32.00</td><td>28.40</td><td>14.20</td><td>20.90</td><td>18.60</td></tr><tr><td>78119-1388</td><td>78119-0388</td><td>38</td><td>32.00</td><td>28.40</td><td>14.20</td><td>21.40</td><td>19.10</td></tr><tr><td>78119-1398</td><td>78119-0398</td><td>39</td><td>44.00</td><td>40.40</td><td>20.20</td><td>21.90</td><td>19.60</td></tr><tr><td>78119-1408</td><td>78119-0408</td><td>40</td><td>44.00</td><td>40.40</td><td>20.20</td><td>22.40</td><td>20.10</td></tr><tr><td>78119-1418</td><td>78119-0418</td><td>41</td><td>44.00</td><td>40.40</td><td>20.20</td><td>22.90</td><td>20.60</td></tr><tr><td>78119-1428</td><td>78119-0428</td><td>42</td><td>44.00</td><td>40.40</td><td>20.20</td><td>23.40</td><td>21.10</td></tr></table> |  |  |  |  |  |  |  | ASSY P/N<br>PACKED IN T&R | ASSY P/N<br>W/O PACKAGING | CKT | W | So | F | Bo | B | EMBOSSED<br>TYPE | 78119-1318 | 78119-0318 | 31 | 32.00 | 28.40 | 14.20 | 17.90 | 15.60 | B | 78119-1328 | 78119-0328 | 32 | 32.00 | 28.40 | 14.20 | 18.40 | 16.10 | 78119-1338 | 78119-0338 | 33 | 32.00 | 28.40 | 14.20 | 18.90 | 16.60 | 78119-1348 | 78119-0348 | 34 | 32.00 | 28.40 | 14.20 | 19.40 | 17.10 | 78119-1358 | 78119-0358 | 35 | 32.00 | 28.40 | 14.20 | 19.90 | 17.60 | 78119-1368 | 78119-0368 | 36 | 32.00 | 28.40 | 14.20 | 20.40 | 18.10 | 78119-1378 | 78119-0378 | 37 | 32.00 | 28.40 | 14.20 | 20.90 | 18.60 | 78119-1388 | 78119-0388 | 38 | 32.00 | 28.40 | 14.20 | 21.40 | 19.10 | 78119-1398 | 78119-0398 | 39 | 44.00 | 40.40 | 20.20 | 21.90 | 19.60 | 78119-1408 | 78119-0408 | 40 | 44.00 | 40.40 | 20.20 | 22.40 | 20.10 | 78119-1418 | 78119-0418 | 41 | 44.00 | 40.40 | 20.20 | 22.90 | 20.60 | 78119-1428 | 78119-0428 | 42 | 44.00 | 40.40 | 20.20 | 23.40 | 21.10 | D |
| ASSY P/N<br>PACKED IN T&R                                                                                       | ASSY P/N<br>W/O PACKAGING                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | CKT                               | W                                                          | So     | F                          | Bo                    | B                  | EMBOSSED<br>TYPE                        |                           |                                                                                                                                  |                                                                                                                 |                    |                                   |                                          |    |                            |                  |              |                        |                           |       |          |       |       |                    |                    |                                         |            |   |          |       |       |                     |                    |                    |            |   |          |        |       |                       |                    |              |            |   |         |   |       |               |              |              |                     |                                                                                                                                  |                                                            |   |       |      |      |            |            |    |            |   |       |      |      |            |            |    |       |   |       |      |      |            |            |    |       |   |       |     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| 78119-1068                                                                                                      | 78119-0068                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 6                                 | 24.00                                                      | -      | 11.50                      | 5.40                  | 3.10               | A                                       |                           |                                                                                                                                  |                                                                                                                 |                    |                                   |                                          |    |                            |                  |              |                        |                           |       |          |       |       |                    |                    |                                         |            |   |          |       |       |                     |                    |                    |            |   |          |        |       |                       |                    |              |            |   |         |   |       |               |              |              |                     |                                                                                                                                  |                                                            |   |       |      |      |            |            |    |            |   |       |      |      |            |            |    |       |   |       |      |      |            |            |    |       |   |       |     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| 78119-1078                                                                                                      | 78119-0078                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 7                                 | 24.00                                                      | -      | 11.50                      | 5.90                  | 3.60               |                                         |                           |                                                                                                                                  |                                                                                                                 |                    |                                   |                                          |    |                            |                  |              |                        |                           |       |          |       |       |                    |                    |                                         |            |   |          |       |       |                     |                    |                    |            |   |          |        |       |                       |                    |              |            |   |         |   |       |               |              |              |                     |                                                                                                                                  |                                                            |   |       |      |      |            |            |    |            |   |       |      |      |            |            |    |       |   |       |      |      |            |            |    |       |   |       |     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| 78119-1088                                                                                                      | 78119-0088                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           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                               |    |                            |                  |              |                        |                           |       |          |       |       |                    |                    |                                         |            |   |          |       |       |                     |                    |                    |            |   |          |        |       |                       |                    |              |            |   |         |   |       |               |              |              |                     |                                                                                                                                  |                                                            |   |       |      |      |            |            |    |            |   |       |      |      |            |            |    |       |   |       |      |      |            |            |    |       |   |       |     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| 78119-1098                                                                                                      | 78119-0098                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           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| 78119-1108                                                                                                      | 78119-0108                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           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| 78119-1118                                                                                                      | 78119-0118                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           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| 78119-1128                                                                                                      | 78119-0128                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           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| 78119-1138                                                                                                      | 78119-0138                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           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| 78119-1148                                                                                                      | 78119-0148                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           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| 78119-1158                                                                                                      | 78119-0158                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           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                               |    |                            |                  |              |                        |                           |       |          |       |       |                    |                    |                                         |            |   |          |       |       |                     |                    |                    |            |   |          |        |       |                       |                    |              |            |   |         |   |       |               |              |              |                     |                                                                                                                                  |                                                            |   |       |      |      |            |            |    |            |   |       |      |      |            |            |    |       |   |       |      |      |            |            |    |       |   |       |     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| 78119-1168                                                                                                      | 78119-0168                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           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| 78119-1178                                                                                                      | 78119-0178                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           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| 78119-1188                                                                                                      | 78119-0188                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           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| 78119-1198                                                                                                      | 78119-0198                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           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| 78119-1208                                                                                                      | 78119-0208                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           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| 78119-1218                                                                                                      | 78119-0218                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           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                               |    |                            |                  |              |                        |                           |       |          |       |       |                    |                    |                                         |            |   |          |       |       |                     |                    |                    |            |   |          |        |       |                       |                    |              |            |   |         |   |       |               |              |              |                     |                                                                                                                                  |                                                            |   |       |      |      |            |            |    |            |   |       |      |      |            |            |    |       |   |       |      |      |            |            |    |       |   |       |     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| 78119-1228                                                                                                      | 78119-0228                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           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                               |    |                            |                  |              |                        |                           |       |          |       |       |                    |                    |                                         |            |   |          |       |       |                     |                    |                    |            |   |          |        |       |                       |                    |              |            |   |         |   |       |               |              |              |                     |                                                                                                                                  |                                                            |   |       |      |      |            |            |    |            |   |       |      |      |            |            |    |       |   |       |      |      |            |            |    |       |   |       |     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| 78119-1238                                                                                                      | 78119-0238                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           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                               |    |                            |                  |              |                        |                           |       |          |       |       |                    |                    |                                         |            |   |          |       |       |                     |                    |                    |            |   |          |        |       |                       |                    |              |            |   |         |   |       |               |              |              |                     |                                                                                                                                  |                                                            |   |       |      |      |            |            |    |            |   |       |      |      |            |            |    |       |   |       |      |      |            |            |    |       |   |       |     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| 78119-1248                                                                                                      | 78119-0248                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 24                                | 32.00                                                      | 28.40  | 14.20                      | 14.40                 | 12.10              |                                         |                           |                                                                                                                                  |                                                                                                                 |                    |                                   |                                          |    |                            |                  |              |                        |                           |       |          |       |       |                    |                    |                                         |            |   |          |       |       |                     |                    |                    |            |   |          |        |       |                       |                    |              |            |   |         |   |       |               |              |              |                     |                                                                                                                                  |                                                            |   |       |      |      |            |            |    |            |   |       |      |      |            |            |    |       |   |       |      |      |            |            |    |       |   |       |     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| 78119-1258                                                                                                      | 78119-0258                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           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                               |    |                            |                  |              |                        |                           |       |          |       |       |                    |                    |                                         |            |   |          |       |       |                     |                    |                    |            |   |          |        |       |                       |                    |              |            |   |         |   |       |               |              |              |                     |                                                                                                                                  |                                                            |   |       |      |      |            |            |    |            |   |       |      |      |            |            |    |       |   |       |      |      |            |            |    |       |   |       |     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| 78119-1268                                                                                                      | 78119-0268                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 26                                | 32.00                                                      | 28.40  | 14.20                      | 15.40                 | 13.10              |                                         |                           |                                                                                                                                  |                                                                                                                 |                    |                                   |                                          |    |                            |                  |              |                        |                           |       |          |       |       |                    |                    |                                         |            |   |          |       |       |                     |                    |                    |            |   |          |        |       |                       |                    |              |            |   |         |   |       |               |              |              |                     |                                                                                                                                  |                                                            |   |       |      |      |            |            |    |            |   |       |      |      |            |            |    |       |   |       |      |      |            |            |    |       |   |       |     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| 78119-1278                                                                                                      | 78119-0278                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 27                                | 32.00                                                      | 28.40  | 14.20                      | 15.90                 | 13.60              |                                         |                           |                                                                                                                                  |                                                                                                                 |                    |                                   |                                          |    |                            |                  |              |                        |                           |       |          |       |       |                    |                    |                                         |            |   |          |       |       |                     |                    |                    |            |   |          |        |       |                       |                    |              |            |   |         |   |       |               |              |              |                     |                                                                                                                                  |                                                            |   |       |      |      |            |            |    |            |   |       |      |      |            |            |    |       |   |       |      |      |            |            |    |       |   |       |     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| 78119-1288                                                                                                      | 78119-0288                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 28                                | 32.00                                                      | 28.40  | 14.20                      | 16.40                 | 14.10              |                                         |                           |                                                                                                                                  |                                                                                                                 |                    |                                   |                                          |    |                            |                  |              |                        |                           |       |          |       |       |                    |                    |                                         |            |   |          |       |       |                     |                    |                    |            |   |          |        |       |                       |                    |              |            |   |         |   |       |               |              |              |                     |                                                                                                                                  |                                                            |   |       |      |      |            |            |    |            |   |       |      |      |            |            |    |       |   |       |      |      |            |            |    |       |   |       |     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| 78119-1298                                                                                                      | 78119-0298                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           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                               |    |                            |                  |              |                        |                           |       |          |       |       |                    |                    |                                         |            |   |          |       |       |                     |                    |                    |            |   |          |        |       |                       |                    |              |            |   |         |   |       |               |              |              |                     |                                                                                                                                  |                                                            |   |       |      |      |            |            |    |            |   |       |      |      |            |            |    |       |   |       |      |      |            |            |    |       |   |       |     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| 78119-1308                                                                                                      | 78119-0308                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 30                                | 32.00                                                      | 28.40  | 14.20                      | 17.40                 | 15.10              |                                         |                           |                                                                                                                                  |                                                                                                                 |                    |                                   |                                          |    |                            |                  |              |                        |                           |       |          |       |       |                    |                    |                                         |            |   |          |       |       |                     |                    |                    |            |   |          |        |       |                       |                    |              |            |   |         |   |       |               |              |              |                     |                                                                                                                                  |                                                            |   |       |      |      |            |            |    |            |   |       |      |      |            |            |    |       |   |       |      |      |            |            |    |       |   |       |     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| ASSY P/N<br>PACKED IN T&R                                                                                       | ASSY P/N<br>W/O PACKAGING                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            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                               |    |                            |                  |              |                        |                           |       |          |       |       |                    |                    |                                         |            |   |          |       |       |                     |                    |                    |            |   |          |        |       |                       |                    |              |            |   |         |   |       |               |              |              |                     |                                                                                                                                  |                                                            |   |       |      |      |            |            |    |            |   |       |      |      |            |            |    |       |   |       |      |      |            |            |    |       |   |       |     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| 78119-1318                                                                                                      | 78119-0318                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 31                                | 32.00                                                      | 28.40  | 14.20                      | 17.90                 | 15.60              | B                                       |                           |                                                                                                                                  |                                                                                                                 |                    |                                   |                                          |    |                            |                  |              |                        |                           |       |          |       |       |                    |                    |                                         |            |   |          |       |       |                     |                    |                    |            |   |          |        |       |                       |                    |              |            |   |         |   |       |               |              |              |                     |                                                                                                                                  |                                                            |   |       |      |      |            |            |    |            |   |       |      |      |            |            |    |       |   |       |      |      |            |            |    |       |   |       |     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| 78119-1328                                                                                                      | 78119-0328                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 32                                | 32.00                                                      | 28.40  | 14.20                      | 18.40                 | 16.10              |                                         |                           |                                                                                                                                  |                                                                                                                 |                    |                                   |                                          |    |                            |                  |              |                        |                           |       |          |       |       |                    |                    |                                         |            |   |          |       |       |                     |                    |                    |            |   |          |        |       |                       |                    |              |            |   |         |   |       |               |              |              |                     |                                                                                                                                  |                                                            |   |       |      |      |            |            |    |            |   |       |      |      |            |            |    |       |   |       |      |      |            |            |    |       |   |       |     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| 78119-1338                                                                                                      | 78119-0338                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 33                                | 32.00                                                      | 28.40  | 14.20                      | 18.90                 | 16.60              |                                         |                           |                                                                                                                                  |                                                                                                                 |                    |                                   |                                          |    |                            |                  |              |                        |                           |       |          |       |       |                    |                    |                                         |            |   |          |       |       |                     |                    |                    |            |   |          |        |       |                       |                    |              |            |   |         |   |       |               |              |              |                     |                                                                                                                                  |                                                            |   |       |      |      |            |            |    |            |   |       |      |      |            |            |    |       |   |       |      |      |            |            |    |       |   |       |     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| 78119-1348                                                                                                      | 78119-0348                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 34                                | 32.00                                                      | 28.40  | 14.20                      | 19.40                 | 17.10              |                                         |                           |                                                                                                                                  |                                                                                                                 |                    |                                   |                                          |    |                            |                  |              |                        |                           |       |          |       |       |                    |                    |                                         |            |   |          |       |       |                     |                    |                    |            |   |          |        |       |                       |                    |              |            |   |         |   |       |               |              |              |                     |                                                                                                                                  |                                                            |   |       |      |      |            |            |    |            |   |       |      |      |            |            |    |       |   |       |      |      |            |            |    |       |   |       |     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| 78119-1358                                                                                                      | 78119-0358                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           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                               |    |                            |                  |              |                        |                           |       |          |       |       |                    |                    |                                         |            |   |          |       |       |                     |                    |                    |            |   |          |        |       |                       |                    |              |            |   |         |   |       |               |              |              |                     |                                                                                                                                  |                                                            |   |       |      |      |            |            |    |            |   |       |      |      |            |            |    |       |   |       |      |      |            |            |    |       |   |       |     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| 78119-1368                                                                                                      | 78119-0368                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 36                                | 32.00                                                      | 28.40  | 14.20                      | 20.40                 | 18.10              |                                         |                           |                                                                                                                                  |                                                                                                                 |                    |                                   |                                          |    |                            |                  |              |                        |                           |       |          |       |       |                    |                    |                                         |            |   |          |       |       |                     |                    |                    |            |   |          |        |       |                       |                    |              |            |   |         |   |       |               |              |              |                     |                                                                                                                                  |                                                            |   |       |      |      |            |            |    |            |   |       |      |      |            |            |    |       |   |       |      |      |            |            |    |       |   |       |     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| 78119-1378                                                                                                      | 78119-0378                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 37                                | 32.00                                                      | 28.40  | 14.20                      | 20.90                 | 18.60              |                                         |                           |                                                                                                                                  |                                                                                                                 |                    |                                   |                                          |    |                            |                  |              |                        |                           |       |          |       |       |                    |                    |                                         |            |   |          |       |       |                     |                    |                    |            |   |          |        |       |                       |                    |              |            |   |         |   |       |               |              |              |                     |                                                                                                                                  |                                                            |   |       |      |      |            |            |    |            |   |       |      |      |            |            |    |       |   |       |      |      |            |            |    |       |   |       |     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| 78119-1388                                                                                                      | 78119-0388                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 38                                | 32.00                                                      | 28.40  | 14.20                      | 21.40                 | 19.10              |                                         |                           |                                                                                                                                  |                                                                                                                 |                    |                                   |                                          |    |                            |                  |              |                        |                           |       |          |       |       |                    |                    |                                         |            |   |          |       |       |                     |                    |                    |            |   |          |        |       |                       |                    |              |            |   |         |   |       |               |              |              |                     |                                                                                                                                  |                                                            |   |       |      |      |            |            |    |            |   |       |      |      |            |            |    |       |   |       |      |      |            |            |    |       |   |       |     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| 78119-1398                                                                                                      | 78119-0398                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 39                                | 44.00                                                      | 40.40  | 20.20                      | 21.90                 | 19.60              |                                         |                           |                                                                                                                                  |                                                                                                                 |                    |                                   |                                          |    |                            |                  |              |                        |                           |       |          |       |       |                    |                    |                                         |            |   |          |       |       |                     |                    |                    |            |   |          |        |       |                       |                    |              |            |   |         |   |       |               |              |              |                     |                                                                                                                                  |                                                            |   |       |      |      |            |            |    |            |   |       |      |      |            |            |    |       |   |       |      |      |            |            |    |       |   |       |     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| 78119-1408                                                                                                      | 78119-0408                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 40                                | 44.00                                                      | 40.40  | 20.20                      | 22.40                 | 20.10              |                                         |                           |                                                                                                                                  |                                                                                                                 |                    |                                   |                                          |    |                            |                  |              |                        |                           |       |          |       |       |                    |                    |                                         |            |   |          |       |       |                     |                    |                    |            |   |          |        |       |                       |                    |              |            |   |         |   |       |               |              |              |                     |                                                                                                                                  |                                                            |   |       |      |      |            |            |    |            |   |       |      |      |            |            |    |       |   |       |      |      |            |            |    |       |   |       |     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| 78119-1418                                                                                                      | 78119-0418                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 41                                | 44.00                                                      | 40.40  | 20.20                      | 22.90                 | 20.60              |                                         |                           |                                                                                                                                  |                                                                                                                 |                    |                                   |                                          |    |                            |                  |              |                        |                           |       |          |       |       |                    |                    |                                         |            |   |          |       |       |                     |                    |                    |            |   |          |        |       |                       |                    |              |            |   |         |   |       |               |              |              |                     |                                                                                                                                  |                                                            |   |       |      |      |            |            |    |            |   |       |      |      |            |            |    |       |   |       |      |      |            |            |    |       |   |       |     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| 78119-1428                                                                                                      | 78119-0428                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 42                                | 44.00                                                      | 40.40  | 20.20                      | 23.40                 | 21.10              |                                         |                           |                                                                                                                                  |                                                                                                                 |                    |                                   |                                          |    |                            |                  |              |                        |                           |       |          |       |       |                    |                    |                                         |            |   |          |       |       |                     |                    |                    |            |   |          |        |       |                       |                    |              |            |   |         |   |       |               |              |              |                     |                                                                                                                                  |                                                            |   |       |      |      |            |            |    |            |   |       |      |      |            |            |    |       |   |       |      |      |            |            |    |       |   |       |     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| C                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      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| A                                                                                                               | <table><tr><td rowspan="13">REVISED<br/>EC NO: S2007-0721<br/>DRWN:BOKOK<br/>CHKD:CGH<br/>APPR:KCLING<br/>2007/03/05<br/>2007/03/05<br/>2007/03/05</td><td rowspan="13">DESCRIPTION<br/>REV</td><td rowspan="13">QUALITY<br/>SYMBOLS<br/>▽=0<br/>▽C=0</td><td colspan="2">GENERAL TOLERANCES<br/>(UNLESS SPECIFIED)</td><td colspan="2">DIMENSION STYLE<br/>MM ONLY</td><td>SCALE<br/>NTS</td><td>DESIGN UNITS<br/>METRIC</td><td colspan="2" rowspan="10">THIRD ANGLE<br/>PROJECTION</td></tr><tr><td rowspan="3">4 PLACES</td><td rowspan="3">± ---</td><td rowspan="3">± ---</td><td rowspan="3">DRAWN BY<br/>YLQIAO</td><td rowspan="3">DATE<br/>2006/04/11</td><td colspan="3" rowspan="3">0.50MM PITCH, FPC CONN.<br/>NON-ZIF, SMT</td></tr><tr></tr><tr></tr><tr><td rowspan="3">3 PLACES</td><td rowspan="3">± ---</td><td rowspan="3">± ---</td><td rowspan="3">CHECKED BY<br/>BOKOK</td><td rowspan="3">DATE<br/>2006/04/18</td><td colspan="3" rowspan="3">MOLEX INCORPORATED</td></tr><tr></tr><tr></tr><tr><td rowspan="3">2 PLACES</td><td rowspan="6">± 0.15</td><td rowspan="3">± ---</td><td rowspan="3">APPROVED BY<br/>PTL IM</td><td rowspan="3">DATE<br/>2006/04/18</td><td colspan="3" rowspan="3">SD-78119-001</td></tr><tr></tr><tr></tr><tr><td colspan="2">1 PLACE</td><td rowspan="3">± ---</td><td rowspan="3">ANGULAR ± 3 °</td><td rowspan="3">MATERIAL NO.</td><td rowspan="3">DOCUMENT NO.</td><td rowspan="3">SHEET NO.<br/>6 OF 7</td><td rowspan="3">THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br/>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION</td></tr><tr><td colspan="8">DRAFT WHERE APPLICABLE<br/>MUST REMAIN<br/>WITHIN DIMENSIONS</td></tr><tr><td colspan="8">SIZE<br/>A3</td></tr></table>                                                                                                                                                                 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QUALITY<br>SYMBOLS<br>▽=0<br>▽C=0 | GENERAL TOLERANCES<br>(UNLESS SPECIFIED) |    | DIMENSION STYLE<br>MM ONLY |                  | SCALE<br>NTS | DESIGN UNITS<br>METRIC | THIRD ANGLE<br>PROJECTION |       | 4 PLACES | ± --- | ± --- | DRAWN BY<br>YLQIAO | DATE<br>2006/04/11 | 0.50MM PITCH, FPC CONN.<br>NON-ZIF, SMT |            |   | 3 PLACES | ± --- | ± --- | CHECKED BY<br>BOKOK | DATE<br>2006/04/18 | MOLEX INCORPORATED |            |   | 2 PLACES | ± 0.15 | ± --- | APPROVED BY<br>PTL IM | DATE<br>2006/04/18 | SD-78119-001 |            |   | 1 PLACE |   | ± --- | ANGULAR ± 3 ° | MATERIAL NO. | DOCUMENT NO. | SHEET NO.<br>6 OF 7 | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |   |       |      |      |            |            |    | SIZE<br>A3 |   |       |      |      |            |            |    | A     |   |       |      |      |            |            |    |       |   |       |      |      |            |            |    |       |   |       |      |      |            |            |    |       |   |       |      |      |            |            |    |       |   |       |       |      |            |            |    |       |   |       |       |      |            |            |    |       |   |       |       |      |            |            |    |       |   |       |       |      |            |            |    |       |   |       |       |       |            |            |    |       |       |       |       |       |            |            |    |       |       |       |       |       |            |            |    |       |       |       |       |       |            |            |    |       |       |       |       |       |            |            |    |       |       |       |       |       |            |            |    |       |       |       |       |       |            |            |    |       |       |       |    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| REVISED<br>EC NO: S2007-0721<br>DRWN:BOKOK<br>CHKD:CGH<br>APPR:KCLING<br>2007/03/05<br>2007/03/05<br>2007/03/05 | DESCRIPTION<br>REV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | QUALITY<br>SYMBOLS<br>▽=0<br>▽C=0 | GENERAL TOLERANCES<br>(UNLESS SPECIFIED)                   |        | DIMENSION STYLE<br>MM ONLY |                       | SCALE<br>NTS       | DESIGN UNITS<br>METRIC                  | THIRD ANGLE<br>PROJECTION |                                                                                                                                  |                                                                                                                 |                    |                                   |           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                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                   | 4 PLACES                                                   | ± ---  | ± ---                      | DRAWN BY<br>YLQIAO    | DATE<br>2006/04/11 | 0.50MM PITCH, FPC CONN.<br>NON-ZIF, SMT |                           |                                                                                                                                  |                                                                                                                 |                    |                                   |                                          |    |                            |                  |              |                        |                           |       |          |       |       |                    |                    |                                         |            |   |          |       |       |                     |                    |                    |            |   |          |        |       |                       |                    |              |            |   |         |   |       |               |              |              |                     |                                                                                                                                  |                                                            |   |       |      |      |            |            |    |            |   |       |      |      |            |            |    |       |   |       |      |      |            |            |    |       |   |       |     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                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                   | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |        |                            |                       |                    |                                         |                           |                                                                                                                                  |                                                                                                                 |                    |                                   |                                          |    |                            |                  |              |                        |                           |       |          |       |       |                    |                    |                                         |            |   |          |       |       |                     |                    |                    |            |   |          |        |       |                       |                    |              |            |   |         |   |       |               |              |              |                     |                                                                                                                                  |                                                            |   |       |      |      |            |            |    |            |   |       |      |      |            |            |    |       |   |       |      |      |            |            |    |       |   |       |     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|                                                                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      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| ib_frame_A3_P_AM_T<br>Rev. E 2006/04/15                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   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  | 5  | 4                          | 3                | 2            | 1                      |                           |       |          |       |       |                    |                    |                                         |            |   |          |       |       |                     |                    |                    |            |   |          |        |       |                       |                    |              |            |   |         |   |       |               |              |              |                     |                                                                                                                                  |                                                            |   |       |      |      |            |            |    |            |   |       |      |      |            |            |    |       |   |       |      |      |            |            |    |       |   |       |      |      |            |       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|-------------------------------------------------------------------------------|----------------------------------------------------|---------------------------|-----|-------|-------|-------|-------|-------|------------------|---------------------------|---------------------------|----------------------------------|-------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------------------------------------------------------------------------------------------------------------------------------|-------|-----------------------------------------------------|--|---------------------|--|----------------------------------------------------------------------------------------------------------------------------------|--|
|                                                                               | 10                                                 | 9                         | 8   | 7     | 6     | 5     | 4     | 3     | 2                | 1                         |                           |                                  |       |                                                                                                                                                                                                                                    |       |                                                                                                                                                                            |       |                                                                                                                              |       |                                                     |  |                     |  |                                                                                                                                  |  |
| F                                                                             | TIN-BISMUTH PLATING TERMINAL ASSEMBLY PART NUMBERS |                           |     |       |       |       |       |       |                  |                           | F                         |                                  |       |                                                                                                                                                                                                                                    |       |                                                                                                                                                                            |       |                                                                                                                              |       |                                                     |  |                     |  |                                                                                                                                  |  |
| E                                                                             | ASSY P/N<br>PACKED IN T&R                          | ASSY P/N<br>W/O PACKAGING | CKT | W     | So    | F     | Bo    | B     | EMBOSSED<br>TYPE | ASSY P/N<br>PACKED IN T&R | ASSY P/N<br>W/O PACKAGING | CKT                              | W     | So                                                                                                                                                                                                                                 | F     | Bo                                                                                                                                                                         | B     | EMBOSSED<br>TYPE                                                                                                             | B     |                                                     |  |                     |  |                                                                                                                                  |  |
|                                                                               | 78119-1069                                         | 78119-0069                | 6   | 24.00 | -     | 11.50 | 5.40  | 3.10  | A                | 78119-1319                | 78119-0319                | 31                               | 32.00 | 28.40                                                                                                                                                                                                                              | 14.20 | 17.90                                                                                                                                                                      | 15.60 | B                                                                                                                            |       |                                                     |  |                     |  |                                                                                                                                  |  |
|                                                                               | 78119-1079                                         | 78119-0079                | 7   | 24.00 | -     | 11.50 | 5.90  | 3.60  |                  | 78119-1329                | 78119-0329                | 32                               | 32.00 | 28.40                                                                                                                                                                                                                              | 14.20 | 18.40                                                                                                                                                                      | 16.10 |                                                                                                                              |       |                                                     |  |                     |  |                                                                                                                                  |  |
|                                                                               | 78119-1089                                         | 78119-0089                | 8   | 24.00 | -     | 11.50 | 6.40  | 4.10  |                  | 78119-1339                | 78119-0339                | 33                               | 32.00 | 28.40                                                                                                                                                                                                                              | 14.20 | 18.90                                                                                                                                                                      | 16.60 |                                                                                                                              |       |                                                     |  |                     |  |                                                                                                                                  |  |
|                                                                               | 78119-1099                                         | 78119-0099                | 9   | 24.00 | -     | 11.50 | 6.90  | 4.60  |                  | 78119-1349                | 78119-0349                | 34                               | 32.00 | 28.40                                                                                                                                                                                                                              | 14.20 | 19.40                                                                                                                                                                      | 17.10 |                                                                                                                              |       |                                                     |  |                     |  |                                                                                                                                  |  |
|                                                                               | 78119-1109                                         | 78119-0109                | 10  | 24.00 | -     | 11.50 | 7.40  | 5.10  |                  | 78119-1359                | 78119-0359                | 35                               | 32.00 | 28.40                                                                                                                                                                                                                              | 14.20 | 19.90                                                                                                                                                                      | 17.60 |                                                                                                                              |       |                                                     |  |                     |  |                                                                                                                                  |  |
|                                                                               | 78119-1119                                         | 78119-0119                | 11  | 24.00 | -     | 11.50 | 7.90  | 5.60  |                  | 78119-1369                | 78119-0369                | 36                               | 32.00 | 28.40                                                                                                                                                                                                                              | 14.20 | 20.40                                                                                                                                                                      | 18.10 |                                                                                                                              |       |                                                     |  |                     |  |                                                                                                                                  |  |
|                                                                               | 78119-1129                                         | 78119-0129                | 12  | 24.00 | -     | 11.50 | 8.40  | 6.10  |                  | 78119-1379                | 78119-0379                | 37                               | 32.00 | 28.40                                                                                                                                                                                                                              | 14.20 | 20.90                                                                                                                                                                      | 18.60 |                                                                                                                              |       |                                                     |  |                     |  |                                                                                                                                  |  |
|                                                                               | 78119-1139                                         | 78119-0139                | 13  | 24.00 | -     | 11.50 | 8.90  | 6.60  |                  | 78119-1389                | 78119-0389                | 38                               | 32.00 | 28.40                                                                                                                                                                                                                              | 14.20 | 21.40                                                                                                                                                                      | 19.10 |                                                                                                                              |       |                                                     |  |                     |  |                                                                                                                                  |  |
|                                                                               | 78119-1149                                         | 78119-0149                | 14  | 24.00 | -     | 11.50 | 9.40  | 7.10  |                  | 78119-1399                | 78119-0399                | 39                               | 44.00 | 40.40                                                                                                                                                                                                                              | 20.20 | 21.90                                                                                                                                                                      | 19.60 |                                                                                                                              |       |                                                     |  |                     |  |                                                                                                                                  |  |
| D                                                                             | 78119-1159                                         | 78119-0159                | 15  | 24.00 | -     | 11.50 | 9.90  | 7.60  |                  | B                         | 78119-1409                | 78119-0409                       | 40    | 44.00                                                                                                                                                                                                                              | 40.40 | 20.20                                                                                                                                                                      | 22.40 |                                                                                                                              | 20.10 | D                                                   |  |                     |  |                                                                                                                                  |  |
|                                                                               | 78119-1169                                         | 78119-0169                | 16  | 24.00 | -     | 11.50 | 10.40 | 8.10  | 78119-1419       |                           | 78119-0419                | 41                               | 44.00 | 40.40                                                                                                                                                                                                                              | 20.20 | 22.90                                                                                                                                                                      | 20.60 |                                                                                                                              |       |                                                     |  |                     |  |                                                                                                                                  |  |
|                                                                               | 78119-1179                                         | 78119-0179                | 17  | 24.00 | -     | 11.50 | 10.90 | 8.60  | 78119-1429       |                           | 78119-0429                | 42                               | 44.00 | 40.40                                                                                                                                                                                                                              | 20.20 | 23.40                                                                                                                                                                      | 21.10 |                                                                                                                              |       |                                                     |  |                     |  |                                                                                                                                  |  |
|                                                                               | 78119-1189                                         | 78119-0189                | 18  | 24.00 | -     | 11.50 | 11.40 | 9.10  |                  |                           |                           |                                  |       |                                                                                                                                                                                                                                    |       |                                                                                                                                                                            |       |                                                                                                                              |       |                                                     |  |                     |  |                                                                                                                                  |  |
|                                                                               | 78119-1199                                         | 78119-0199                | 19  | 24.00 | -     | 11.50 | 11.90 | 9.60  |                  |                           |                           |                                  |       |                                                                                                                                                                                                                                    |       |                                                                                                                                                                            |       |                                                                                                                              |       |                                                     |  |                     |  |                                                                                                                                  |  |
|                                                                               | 78119-1209                                         | 78119-0209                | 20  | 24.00 | -     | 11.50 | 12.40 | 10.10 |                  |                           |                           |                                  |       |                                                                                                                                                                                                                                    |       |                                                                                                                                                                            |       |                                                                                                                              |       |                                                     |  |                     |  |                                                                                                                                  |  |
|                                                                               | 78119-1219                                         | 78119-0219                | 21  | 32.00 | 28.40 | 14.20 | 12.90 | 10.60 |                  |                           |                           |                                  |       |                                                                                                                                                                                                                                    |       |                                                                                                                                                                            |       |                                                                                                                              |       |                                                     |  |                     |  |                                                                                                                                  |  |
|                                                                               | 78119-1229                                         | 78119-0229                | 22  | 32.00 | 28.40 | 14.20 | 13.40 | 11.10 |                  |                           |                           |                                  |       |                                                                                                                                                                                                                                    |       |                                                                                                                                                                            |       |                                                                                                                              |       |                                                     |  |                     |  |                                                                                                                                  |  |
|                                                                               | 78119-1239                                         | 78119-0239                | 23  | 32.00 | 28.40 | 14.20 | 13.90 | 11.60 |                  |                           |                           |                                  |       |                                                                                                                                                                                                                                    |       |                                                                                                                                                                            |       |                                                                                                                              |       |                                                     |  |                     |  |                                                                                                                                  |  |
|                                                                               | 78119-1249                                         | 78119-0249                | 24  | 32.00 | 28.40 | 14.20 | 14.40 | 12.10 |                  |                           |                           |                                  |       |                                                                                                                                                                                                                                    |       |                                                                                                                                                                            |       |                                                                                                                              |       |                                                     |  |                     |  |                                                                                                                                  |  |
| C                                                                             | 78119-1259                                         | 78119-0259                | 25  | 32.00 | 28.40 | 14.20 | 14.90 | 12.60 | B                |                           |                           |                                  |       |                                                                                                                                                                                                                                    |       |                                                                                                                                                                            |       |                                                                                                                              |       |                                                     |  |                     |  |                                                                                                                                  |  |
|                                                                               | 78119-1269                                         | 78119-0269                | 26  | 32.00 | 28.40 | 14.20 | 15.40 | 13.10 |                  |                           |                           |                                  |       |                                                                                                                                                                                                                                    |       |                                                                                                                                                                            |       |                                                                                                                              |       |                                                     |  |                     |  |                                                                                                                                  |  |
|                                                                               | 78119-1279                                         | 78119-0279                | 27  | 32.00 | 28.40 | 14.20 | 15.90 | 13.60 |                  |                           |                           |                                  |       |                                                                                                                                                                                                                                    |       |                                                                                                                                                                            |       |                                                                                                                              |       |                                                     |  |                     |  |                                                                                                                                  |  |
|                                                                               | 78119-1289                                         | 78119-0289                | 28  | 32.00 | 28.40 | 14.20 | 16.40 | 14.10 |                  |                           |                           |                                  |       |                                                                                                                                                                                                                                    |       |                                                                                                                                                                            |       |                                                                                                                              |       |                                                     |  |                     |  |                                                                                                                                  |  |
|                                                                               | 78119-1299                                         | 78119-0299                | 29  | 32.00 | 28.40 | 14.20 | 16.90 | 14.60 |                  |                           |                           |                                  |       |                                                                                                                                                                                                                                    |       |                                                                                                                                                                            |       |                                                                                                                              |       |                                                     |  |                     |  |                                                                                                                                  |  |
|                                                                               | 78119-1309                                         | 78119-0309                | 30  | 32.00 | 28.40 | 14.20 | 17.40 | 15.10 |                  |                           |                           |                                  |       |                                                                                                                                                                                                                                    |       |                                                                                                                                                                            |       |                                                                                                                              |       |                                                     |  |                     |  |                                                                                                                                  |  |
|                                                                               |                                                    |                           |     |       |       |       |       |       |                  |                           |                           |                                  |       |                                                                                                                                                                                                                                    |       |                                                                                                                                                                            |       |                                                                                                                              |       |                                                     |  |                     |  |                                                                                                                                  |  |
|                                                                               |                                                    |                           |     |       |       |       |       |       |                  |                           |                           |                                  |       |                                                                                                                                                                                                                                    |       |                                                                                                                                                                            |       |                                                                                                                              |       |                                                     |  |                     |  |                                                                                                                                  |  |
|                                                                               |                                                    |                           |     |       |       |       |       |       |                  |                           |                           |                                  |       |                                                                                                                                                                                                                                    |       |                                                                                                                                                                            |       |                                                                                                                              |       |                                                     |  |                     |  |                                                                                                                                  |  |
|                                                                               |                                                    |                           |     |       |       |       |       |       |                  |                           |                           |                                  |       |                                                                                                                                                                                                                                    |       |                                                                                                                                                                            |       |                                                                                                                              |       |                                                     |  |                     |  |                                                                                                                                  |  |
| B                                                                             |                                                    |                           |     |       |       |       |       |       |                  |                           |                           |                                  |       |                                                                                                                                                                                                                                    |       |                                                                                                                                                                            |       |                                                                                                                              |       |                                                     |  |                     |  |                                                                                                                                  |  |
|                                                                               |                                                    |                           |     |       |       |       |       |       |                  |                           |                           |                                  |       |                                                                                                                                                                                                                                    |       |                                                                                                                                                                            |       |                                                                                                                              |       |                                                     |  |                     |  |                                                                                                                                  |  |
|                                                                               |                                                    |                           |     |       |       |       |       |       |                  |                           |                           |                                  |       |                                                                                                                                                                                                                                    |       |                                                                                                                                                                            |       |                                                                                                                              |       |                                                     |  |                     |  |                                                                                                                                  |  |
|                                                                               |                                                    |                           |     |       |       |       |       |       |                  |                           |                           |                                  |       |                                                                                                                                                                                                                                    |       |                                                                                                                                                                            |       |                                                                                                                              |       |                                                     |  |                     |  |                                                                                                                                  |  |
|                                                                               |                                                    |                           |     |       |       |       |       |       |                  |                           |                           |                                  |       |                                                                                                                                                                                                                                    |       |                                                                                                                                                                            |       |                                                                                                                              |       |                                                     |  |                     |  |                                                                                                                                  |  |
|                                                                               |                                                    |                           |     |       |       |       |       |       |                  |                           |                           |                                  |       |                                                                                                                                                                                                                                    |       |                                                                                                                                                                            |       |                                                                                                                              |       |                                                     |  |                     |  |                                                                                                                                  |  |
|                                                                               |                                                    |                           |     |       |       |       |       |       |                  |                           |                           |                                  |       |                                                                                                                                                                                                                                    |       |                                                                                                                                                                            |       |                                                                                                                              |       |                                                     |  |                     |  |                                                                                                                                  |  |
|                                                                               |                                                    |                           |     |       |       |       |       |       |                  |                           |                           |                                  |       |                                                                                                                                                                                                                                    |       |                                                                                                                                                                            |       |                                                                                                                              |       |                                                     |  |                     |  |                                                                                                                                  |  |
|                                                                               |                                                    |                           |     |       |       |       |       |       |                  |                           |                           |                                  |       |                                                                                                                                                                                                                                    |       |                                                                                                                                                                            |       |                                                                                                                              |       |                                                     |  |                     |  |                                                                                                                                  |  |
|                                                                               |                                                    |                           |     |       |       |       |       |       |                  |                           |                           |                                  |       |                                                                                                                                                                                                                                    |       |                                                                                                                                                                            |       |                                                                                                                              |       |                                                     |  |                     |  |                                                                                                                                  |  |
| A                                                                             |                                                    |                           |     |       |       |       |       |       |                  |                           |                           |                                  |       |                                                                                                                                                                                                                                    |       |                                                                                                                                                                            |       |                                                                                                                              |       |                                                     |  |                     |  |                                                                                                                                  |  |
|                                                                               |                                                    |                           |     |       |       |       |       |       |                  |                           |                           |                                  |       |                                                                                                                                                                                                                                    |       |                                                                                                                                                                            |       |                                                                                                                              |       |                                                     |  |                     |  |                                                                                                                                  |  |
|                                                                               |                                                    |                           |     |       |       |       |       |       |                  |                           |                           |                                  |       |                                                                                                                                                                                                                                    |       |                                                                                                                                                                            |       |                                                                                                                              |       |                                                     |  |                     |  |                                                                                                                                  |  |
|                                                                               |                                                    |                           |     |       |       |       |       |       |                  |                           |                           |                                  |       |                                                                                                                                                                                                                                    |       |                                                                                                                                                                            |       |                                                                                                                              |       |                                                     |  |                     |  |                                                                                                                                  |  |
|                                                                               |                                                    |                           |     |       |       |       |       |       |                  |                           |                           |                                  |       |                                                                                                                                                                                                                                    |       |                                                                                                                                                                            |       |                                                                                                                              |       |                                                     |  |                     |  |                                                                                                                                  |  |
|                                                                               |                                                    |                           |     |       |       |       |       |       |                  |                           |                           |                                  |       |                                                                                                                                                                                                                                    |       |                                                                                                                                                                            |       |                                                                                                                              |       |                                                     |  |                     |  |                                                                                                                                  |  |
|                                                                               |                                                    |                           |     |       |       |       |       |       |                  |                           |                           |                                  |       |                                                                                                                                                                                                                                    |       |                                                                                                                                                                            |       |                                                                                                                              |       |                                                     |  |                     |  |                                                                                                                                  |  |
|                                                                               |                                                    |                           |     |       |       |       |       |       |                  |                           |                           |                                  |       |                                                                                                                                                                                                                                    |       |                                                                                                                                                                            |       |                                                                                                                              |       |                                                     |  |                     |  |                                                                                                                                  |  |
|                                                                               |                                                    |                           |     |       |       |       |       |       |                  |                           |                           |                                  |       |                                                                                                                                                                                                                                    |       |                                                                                                                                                                            |       |                                                                                                                              |       |                                                     |  |                     |  |                                                                                                                                  |  |
|                                                                               |                                                    |                           |     |       |       |       |       |       |                  |                           |                           |                                  |       |                                                                                                                                                                                                                                    |       |                                                                                                                                                                            |       |                                                                                                                              |       |                                                     |  |                     |  |                                                                                                                                  |  |
| REVISED<br>EC NO: S2007-0721<br>DRAWN:BOKOK<br>CHKD:CGOH<br>APPR:KCLING<br>A2 |                                                    |                           |     |       |       |       |       |       |                  |                           | DESCRIPTION<br>REV        | QUALITY<br>SYMBOLS<br>▽=0<br>▽=0 |       | GENERAL TOLERANCES<br>(UNLESS SPECIFIED)<br>mm INCH<br>4 PLACES ± --- ± ---<br>3 PLACES ± --- ± ---<br>2 PLACES ± 0.15 ± ---<br>1 PLACE ± --- ± ---<br>ANGULAR ± 3 °<br>DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |       | DIMENSION STYLE<br>MM ONLY<br>DRAWN BY DATE<br>YLQIAO 2006/04/11<br>CHECKED BY DATE<br>BOKOK 2006/04/18<br>APPROVED BY DATE<br>PTLIM 2006/04/18<br>MATERIAL NO.<br>SIZE A3 |       | SCALE<br>NTS<br>TITLE<br>0.50MM PITCH, FPC CONN.<br>NON-ZIF, SMT<br>molex MOLEX INCORPORATED<br>DOCUMENT NO.<br>SD-78119-001 |       | DESIGN UNITS<br>METRIC<br>THIRD ANGLE<br>PROJECTION |  | SHEET NO.<br>7 OF 7 |  | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |  |
| tb_frame_A3_P_AM_T<br>Rev. E 2006/04/15                                       |                                                    |                           |     |       |       |       |       |       |                  |                           | 9                         | 8                                | 7     | 6                                                                                                                                                                                                                                  | 5     | 4                                                                                                                                                                          | 3     | 2                                                                                                                            | 1     |                                                     |  |                     |  |                                                                                                                                  |  |

REVISED  
EC NO: S2007-0721  
DRWN:BOKOK  
CHKD:CGOH  
APPR:KCLING  
2007/03/05  
2007/03/05  
2007/03/05

DESCRIPTION

REV

QUALITY  
SYMBOLS

▽=0  
▽C=0

GENERAL TOLERANCES  
(UNLESS SPECIFIED)

|          |        |       |
|----------|--------|-------|
|          | mm     | INCH  |
| 4 PLACES | ± ---  | ± --- |
| 3 PLACES | ± ---  | ± --- |
| 2 PLACES | ± 0.15 | ± --- |
| 1 PLACE  | ± ---  | ± --- |

ANGULAR ± 3 °

DRAFT WHERE APPLICABLE  
MUST REMAIN  
WITHIN DIMENSIONS

DIMENSION STYLE  
MM ONLY

|             |            |
|-------------|------------|
| DRAWN BY    | DATE       |
| YLQIAO      | 2006/04/11 |
| CHECKED BY  | DATE       |
| BOKOK       | 2006/04/18 |
| APPROVED BY | DATE       |
| PTL IM      | 2006/04/18 |

MATERIAL NO.

SIZE  
A3

SCALE  
NTS

DESIGN UNITS  
METRIC

THIRD ANGLE  
PROJECTION

0.50MM PITCH, FPC CONN.  
NON-ZIF, SMT

MOLEX

MOLEX INCORPORATED

DOCUMENT NO.  
SD-78119-001

SHEET NO.  
7 OF 7

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