

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

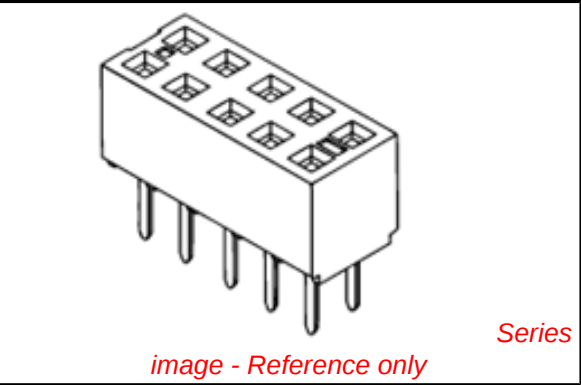
0791077017

Status:

Active

Description:

2.00mm (.079") Pitch Milli-Grid™ Receptacle, Vertical, Through Hole, Dual Row, 3.00mm (.118) Tail Length, 0.38µm (15µ") Gold (Au) Selective Plating, 36 Circuits, Leadfree



Documents:

[3D Model](#)

[Drawing \(PDF\)](#)

[Product Specification PS-79107 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

|                                |                                |
|--------------------------------|--------------------------------|
| General                        |                                |
| Product Family                 | PCB Receptacles                |
| Series                         | 79107                          |
| Application                    | Board-to-Board                 |
| Product Name                   | Milli-Grid™                    |
| Physical                       |                                |
| Circuits (Loaded)              | 36                             |
| Color - Resin                  | Black                          |
| Durability (mating cycles max) | 50                             |
| Glow-Wire Compliant            | No                             |
| Lock to Mating Part            | None                           |
| Material - Metal               | Phosphor Bronze                |
| Material - Plating Mating      | Gold                           |
| Material - Plating Termination | Tin                            |
| Material - Resin               | High Temperature Thermoplastic |
| Number of Rows                 | 2                              |
| Orientation                    | Vertical                       |
| PC Tail Length (in)            | 0.118 In                       |
| PC Tail Length (mm)            | 3.00 mm                        |
| PCB Locator                    | No                             |
| PCB Retention                  | None                           |
| PCB Thickness Recommended (in) | 0.062 In                       |
| PCB Thickness Recommended (mm) | 1.60 mm                        |
| Packaging Type                 | Tube                           |
| Pitch - Mating Interface (in)  | 0.079 In                       |
| Pitch - Mating Interface (mm)  | 2.00 mm                        |
| Pitch - Term. Interface (in)   | 0.079 In                       |
| Pitch - Term. Interface (mm)   | 2.00 mm                        |
| Plating min: Mating (µin)      | 15                             |
| Plating min: Mating (µm)       | 0.375                          |
| Plating min: Termination (µin) | 75                             |
| Plating min: Termination (µm)  | 1.875                          |
| Polarized to Mating Part       | No                             |
| Polarized to PCB               | No                             |
| Surface Mount Compatible (SMC) | Yes                            |
| Temperature Range - Operating  | -55°C to +105°C                |
| Termination Interface: Style   | Through Hole                   |
| Electrical                     |                                |
| Current - Maximum per Contact  | 1A                             |
| Voltage - Maximum              | 125V                           |

Material Info

Reference - Drawing Numbers

Product Specification

PS-79107

EU RoHS

ELV and RoHS Compliant

REACH SVHC

Not Reviewed

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

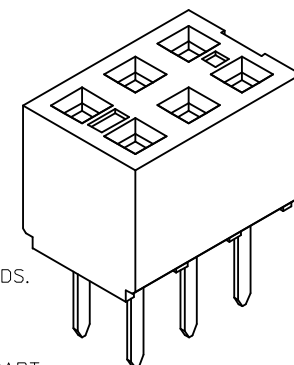
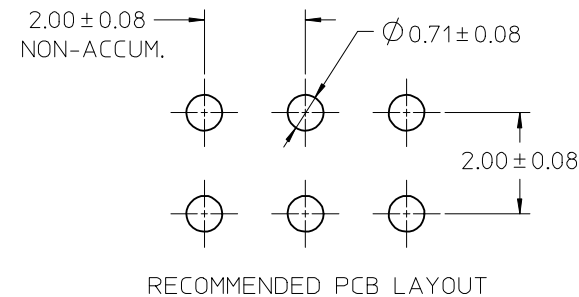
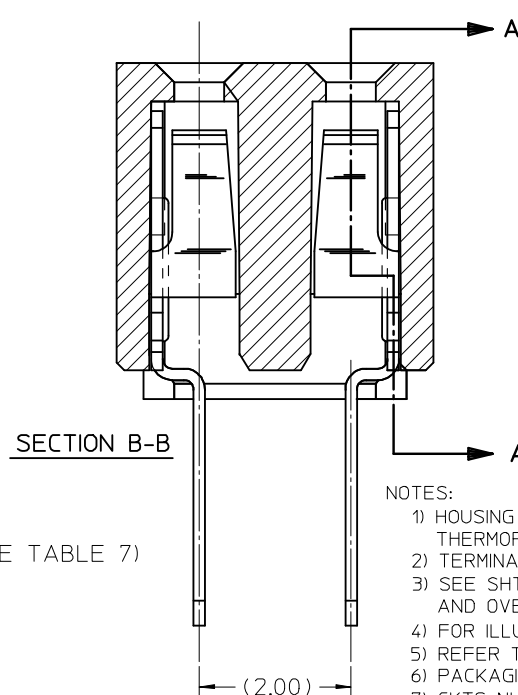
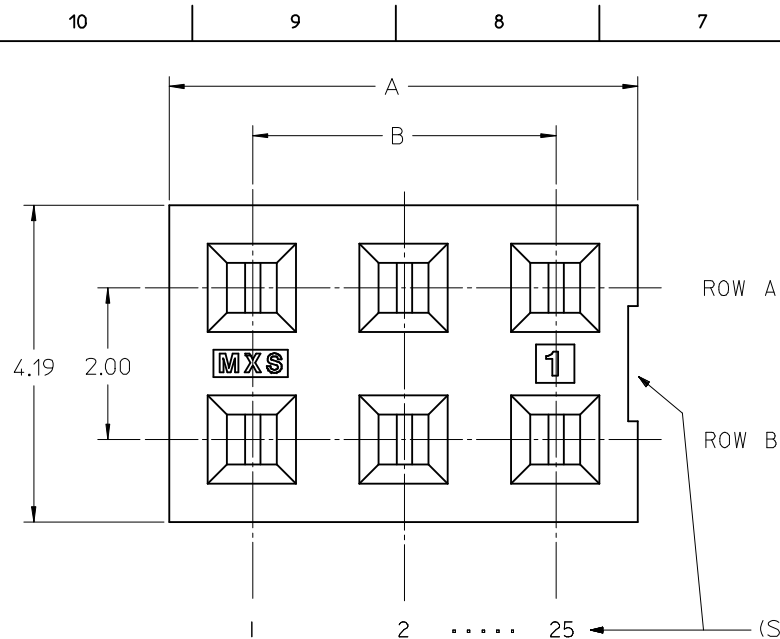
79107Series

Mates With

87758 Vertical, Through Hole, Stackable PCB Header, 87759 Vertical, Surface Mount, Stackable PCB Header, 87760 Right Angle, Through Hole, Stackable PCB Header, 87831 Vertical, Through Hole PCB Header, 87832 Vertical, Surface Mount PCB

This document was generated on 03/18/2010

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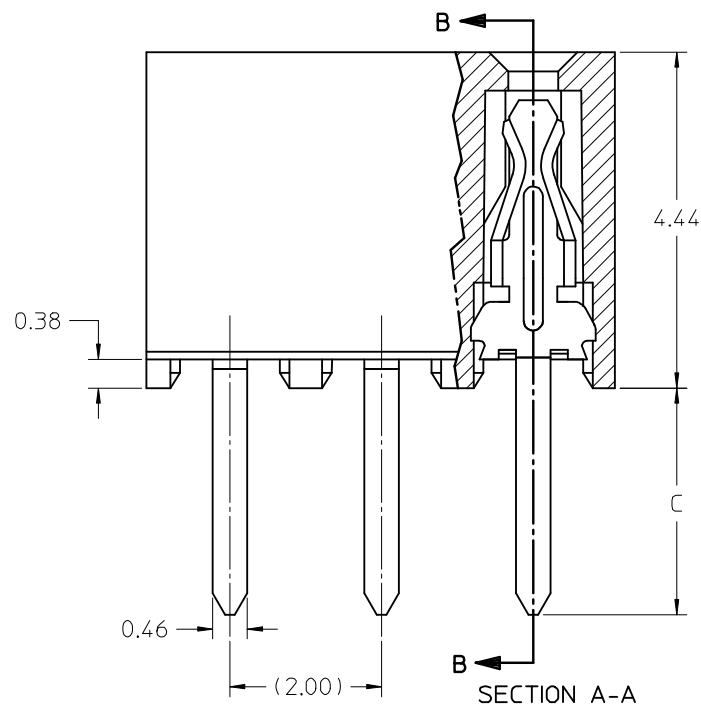


#### NOTES:

- 1) HOUSING MATERIAL: GLASS FILLED HIGH TEMP THERMOPLASTIC, COLOR: BLACK
- 2) TERMINAL MATERIAL: PHOSPHOR BRONZE
- 3) SEE SHT 2 FOR CKT SIZE, PART NUMBERS AND OVERALL DIMENSIONS, SEE SHT 3 FOR VOIDS.
- 4) FOR ILLUSTRATION, 6 CKT ASSY SHOWN.
- 5) REFER TO PRODUCT SPEC PS-79107
- 6) PACKAGING PER PK-70873-0180
- 7) CKTS NUMBERED FROM LEFT TO RIGHT WHEN PART IS VIEWED FROM TOP WITH RECESS ON THE RIGHT AS SHOWN.
- 8) SOLDER TAIL TO BE MEASURED BY PITCH GAUGE.

#### PLATING OPTION:

- 4) - 30u"/0.76um MIN GOLD PLATE IN SELECTED AREA  
75u"/1.90um MIN TIN PLATE IN SELECTED AREA  
BOTH OVER 50u"/1.25um MIN NICKEL OVERALL
- 5) - 15u"/0.38um MIN GOLD PLATE IN SELECTED AREA  
75u"/1.90um MIN TIN PLATE IN SELECTED AREA  
BOTH OVER 50u"/1.25um MIN NICKEL OVERALL
- 6) - 2u"/0.05um MIN GOLD PLATE IN SELECTED AREA  
40u"/1.02um MIN TIN PLATE IN SELECTED AREA  
BOTH OVER 40u"/1.02um MIN NICKEL OVERALL



|                                                                                                                                                         |                                                        |                                   |                                                            |         |                            |                 |                                                                                                                                  |                                                  |                                                                                                                 |                                                                                                          |  |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|-----------------------------------|------------------------------------------------------------|---------|----------------------------|-----------------|----------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------|--|--|
| PDRS#1861, ADD 79107/5104.<br>5105, 5106, 5107<br>EC NO: S2009-0107<br>DRWNATSEE 2008/09/03<br>CHKD:SKANG 2008/09/15<br>APPR:MLONG 2008/09/15<br><br>H1 | DESCRIPTION<br><br><br><br><br><br><br><br><br><br>REV | QUALITY SYMBOLS<br><br>▽=0<br>◻=0 | GENERAL TOLERANCES (UNLESS SPECIFIED)                      |         | DIMENSION STYLE<br>MM ONLY |                 | SCALE<br>NTS                                                                                                                     | DESIGN UNITS<br>METRIC                           |  THIRD ANGLE<br>PROJECTION |                                                                                                          |  |  |
|                                                                                                                                                         |                                                        |                                   |                                                            | mm      | INCH                       | DRAWN BY<br>AAB | DATE<br>1989/05/15                                                                                                               | TITLE<br>2MM DUAL ROW<br>VERTICAL RECEPTACLE T/H |                                                                                                                 |                                                                                                          |  |  |
|                                                                                                                                                         |                                                        |                                   | 4 PLACES                                                   | ± ---   | ± ---                      | CHECKED BY      | DATE                                                                                                                             |                                                  |                                                                                                                 |                                                                                                          |  |  |
|                                                                                                                                                         |                                                        |                                   | 3 PLACES                                                   | ± ---   | ± ---                      | MJM             | 1989/05/15                                                                                                                       |                                                  |                                                                                                                 |                                                                                                          |  |  |
|                                                                                                                                                         |                                                        |                                   | 2 PLACES                                                   | ± 0.25  | ± ---                      | APPROVED BY     | DATE                                                                                                                             |                                                  |                                                                                                                 |                                                                                                          |  |  |
|                                                                                                                                                         |                                                        |                                   |                                                            | 1 PLACE | ± 0.38                     | ± ---           | WAZ                                                                                                                              | 1989/05/15                                       |                                                                                                                 |  MOLEX INCORPORATED |  |  |
|                                                                                                                                                         |                                                        |                                   | ANGULAR ± 1/2°                                             |         |                            | MATERIAL NO.    |                                                                                                                                  | DOCUMENT NO.                                     |                                                                                                                 | SHEET NO.                                                                                                |  |  |
|                                                                                                                                                         |                                                        |                                   | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |         |                            | SEE TABLE       |                                                                                                                                  | SDA-79107-****                                   |                                                                                                                 | 1 OF 3                                                                                                   |  |  |
|                                                                                                                                                         |                                                        |                                   |                                                            |         |                            | SIZE<br>A3      | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                                                  |                                                                                                                 |                                                                                                          |  |  |
|                                                                                                                                                         |                                                        |                                   |                                                            |         |                            |                 |                                                                                                                                  |                                                  |                                                                                                                 |                                                                                                          |  |  |

|             |         |         |                               |            |                  |            |                  |            |                               |            |                  |            |                  |            |
|-------------|---------|---------|-------------------------------|------------|------------------|------------|------------------|------------|-------------------------------|------------|------------------|------------|------------------|------------|
| 10          | 9       | 8       | 7                             | 6          | 5                | 4          | 3                | 2          | 1                             |            |                  |            |                  |            |
|             |         |         |                               |            |                  |            |                  |            |                               |            |                  |            |                  |            |
|             |         |         | P.C.TAIL DIMENSION 'C' = 3.00 |            |                  |            |                  |            | P.C.TAIL DIMENSION 'C' = 1.91 |            |                  |            |                  |            |
| CKT<br>SIZE | DIM 'A' | DIM 'B' | PLATING OPTION 5              |            | PLATING OPTION 4 |            | PLATING OPTION 6 |            | PLATING OPTION 5              |            | PLATING OPTION 4 |            | PLATING OPTION 6 |            |
|             |         |         | ITEM NO.                      |            | ITEM NO.         |            | ITEM NO.         |            | ITEM NO.                      |            | ITEM NO.         |            | ITEM NO.         |            |
| 04          | (4.19)  | (2.00)  |                               | 79107-7001 |                  | 79107-7051 | X                | 79107-7126 |                               | 79107-7201 |                  | 79107-7251 | X                | 79107-7326 |
| 06          | (6.19)  | (4.00)  |                               | 79107-7002 |                  | 79107-7052 | X                | 79107-7127 |                               | 79107-7202 |                  | 79107-7252 | X                | 79107-7327 |
| 08          | (8.19)  | (6.00)  |                               | 79107-7003 |                  | 79107-7053 | X                | 79107-7128 |                               | 79107-7203 |                  | 79107-7253 | X                | 79107-7328 |
| 10          | (10.19) | (8.00)  |                               | 79107-7004 |                  | 79107-7054 | X                | 79107-7129 |                               | 79107-7204 |                  | 79107-7254 | X                | 79107-7329 |
| 12          | (12.19) | (10.00) |                               | 79107-7005 |                  | 79107-7055 |                  | 79107-7130 |                               | 79107-7205 |                  | 79107-7255 |                  | 79107-7330 |
| 14          | (14.19) | (12.00) |                               | 79107-7006 |                  | 79107-7056 | X                | 79107-7131 |                               | 79107-7206 |                  | 79107-7256 | X                | 79107-7331 |
| 16          | (16.19) | (14.00) |                               | 79107-7007 |                  | 79107-7057 | X                | 79107-7132 |                               | 79107-7207 |                  | 79107-7257 | X                | 79107-7332 |
| 18          | (18.19) | (16.00) |                               | 79107-7008 |                  | 79107-7058 | X                | 79107-7133 |                               | 79107-7208 |                  | 79107-7258 | X                | 79107-7333 |
| 20          | (20.19) | (18.00) |                               | 79107-7009 |                  | 79107-7059 | X                | 79107-7134 |                               | 79107-7209 |                  | 79107-7259 | X                | 79107-7334 |
| 22          | (22.19) | (20.00) |                               | 79107-7010 |                  | 79107-7060 | X                | 79107-7135 |                               | 79107-7210 |                  | 79107-7260 | X                | 79107-7335 |
| 24          | (24.19) | (22.00) |                               | 79107-7011 |                  | 79107-7061 | X                | 79107-7136 |                               | 79107-7211 |                  | 79107-7261 | X                | 79107-7336 |
| 26          | (26.19) | (24.00) |                               | 79107-7012 |                  | 79107-7062 | X                | 79107-7137 |                               | 79107-7212 |                  | 79107-7262 | X                | 79107-7337 |
| 28          | (28.19) | (26.00) |                               | 79107-7013 |                  | 79107-7063 | X                | 79107-7138 |                               | 79107-7213 |                  | 79107-7263 | X                | 79107-7338 |
| 30          | (30.19) | (28.00) |                               | 79107-7014 |                  | 79107-7064 | X                | 79107-7139 |                               | 79107-7214 |                  | 79107-7264 | X                | 79107-7339 |
| 32          | (32.19) | (30.00) |                               | 79107-7015 |                  | 79107-7065 | X                | 79107-7140 |                               | 79107-7215 |                  | 79107-7265 | X                | 79107-7340 |
| 34          | (34.19) | (32.00) |                               | 79107-7016 |                  | 79107-7066 | X                | 79107-7141 |                               | 79107-7216 |                  | 79107-7266 | X                | 79107-7341 |
| 36          | (36.19) | (34.00) |                               | 79107-7017 |                  | 79107-7067 | X                | 79107-7142 |                               | 79107-7217 |                  | 79107-7267 | X                | 79107-7342 |
| 38          | (38.19) | (36.00) |                               | 79107-7018 |                  | 79107-7068 | X                | 79107-7143 |                               | 79107-7218 |                  | 79107-7268 | X                | 79107-7343 |
| 40          | (40.19) | (38.00) |                               | 79107-7019 |                  | 79107-7069 | X                | 79107-7144 |                               | 79107-7219 |                  | 79107-7269 | X                | 79107-7344 |
| 42          | (42.19) | (40.00) |                               | 79107-7020 |                  | 79107-7070 | X                | 79107-7145 |                               | 79107-7220 |                  | 79107-7270 | X                | 79107-7345 |
| 44          | (44.19) | (42.00) |                               | 79107-7021 |                  | 79107-7071 | X                | 79107-7146 |                               | 79107-7221 |                  | 79107-7271 | X                | 79107-7346 |
| 46          | (46.19) | (44.00) |                               | 79107-7022 |                  | 79107-7072 | X                | 79107-7147 |                               | 79107-7222 |                  | 79107-7272 | X                | 79107-7347 |
| 48          | (48.19) | (46.00) |                               | 79107-7023 |                  | 79107-7073 | X                | 79107-7148 |                               | 79107-7223 |                  | 79107-7273 | X                | 79107-7348 |
| 50          | (50.19) | (48.00) |                               | 79107-7024 |                  | 79107-7074 | X                | 79107-7149 |                               | 79107-7224 |                  | 79107-7274 | X                | 79107-7349 |

"X" - DENOTES THE ITEM IS NOT AVAILABLE CURRENTLY.

|                                                                                                                        |                                        |                    |                               |                                                            |        |                            |                 |                                                                                                                                               |                                                          |                           |  |  |  |  |
|------------------------------------------------------------------------------------------------------------------------|----------------------------------------|--------------------|-------------------------------|------------------------------------------------------------|--------|----------------------------|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|---------------------------|--|--|--|--|
| PDRS#1861, ADD 7907/5104,<br>5105, 5106, 5107<br>EC NO.: S2009-0107<br>DRAWN AT SEE<br>CHK'D:SKANG<br>APPR:MLONG<br>H1 | 2008/09/03<br>2008/09/15<br>2008/09/15 | DESCRIPTION<br>REV | QUALITY SYMBOLS<br>▼=0<br>▽=0 | GENERAL TOLERANCES (UNLESS SPECIFIED)                      |        | DIMENSION STYLE<br>MM ONLY |                 | SCALE<br>NTS                                                                                                                                  | DESIGN UNITS<br>METRIC                                   | THIRD ANGLE<br>PROJECTION |  |  |  |  |
|                                                                                                                        |                                        |                    |                               |                                                            | mm     | INCH                       | DRAWN BY<br>AAB | DATE<br>1989/05/15                                                                                                                            | TITLE<br>2MM DUAL ROW<br>VERTICAL RECEPTACLE T/H         |                           |  |  |  |  |
|                                                                                                                        |                                        |                    |                               | 4 PLACES                                                   | ± ---  | ± ---                      | CHECKED BY      | DATE                                                                                                                                          |                                                          |                           |  |  |  |  |
|                                                                                                                        |                                        |                    |                               | 3 PLACES                                                   | ± ---  | ± ---                      | MJM             | 1989/05/15                                                                                                                                    | MOLEX INCORPORATED<br>SDA-79107-****<br>SHEET NO. 2 OF 3 |                           |  |  |  |  |
|                                                                                                                        |                                        |                    |                               | 2 PLACES                                                   | ± 0.25 | ± ---                      | APPROVED BY     | DATE                                                                                                                                          |                                                          |                           |  |  |  |  |
| 1 PLACE                                                                                                                | ± 0.38                                 | ± ---              | WAZ                           | 1989/05/15                                                 |        |                            |                 |                                                                                                                                               |                                                          |                           |  |  |  |  |
|                                                                                                                        |                                        |                    |                               | ANGULAR ±1/2°                                              |        | MATERIAL NO.               |                 | DOCUMENT NO.                                                                                                                                  |                                                          |                           |  |  |  |  |
|                                                                                                                        |                                        |                    |                               | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |        | SIZE<br>A3                 |                 | SEE TABLE<br>THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |                                                          |                           |  |  |  |  |

MOLDED VOID OPTION

ASSEMBLIES WITHOUT PEGS

|              | ASSEMBLY   | VOID LOCATION(S)<br>SEE SHEET 1 FOR CONVENTION |             | PLATING<br>OPTION | DIM. "A" | DIM. "B" | P.C. TAIL<br>DIM. "C" |
|--------------|------------|------------------------------------------------|-------------|-------------------|----------|----------|-----------------------|
| CKT.<br>SIZE | ITEM NO.   | ROW                                            | CKT. NO.(s) |                   |          |          |                       |
| 24           | 79107-5101 | ROW B                                          | 6           | 5                 | (24.19)  | (22.00)  | (3.00)                |
| 10           | 79107-5102 | ROW A                                          | 5           | 5                 | (10.19)  | (8.00)   | (3.00)                |
| 26           | 79107-5103 | ROW B                                          | 5           | 5                 | (26.19)  | (24.00)  | (3.00)                |
| 20           | 79107-5104 | ROW A                                          | 7           | 5                 | (20.19)  | (18.00)  | (1.91)                |
| 24           | 79107-5105 | ROW B                                          | 10          | 5                 | (24.19)  | (22.00)  | (1.91)                |
| 20           | 79107-5106 | ROW A                                          | 7           | 5                 | (20.19)  | (18.00)  | (3.00)                |
| 24           | 79107-5107 | ROW B                                          | 10          | 5                 | (24.19)  | (22.00)  | (3.00)                |

"X" - DENOTES THE ITEM IS NOT AVAILABLE CURRENTLY.

NOTES

- TERMINALS WILL BE PRESENT IN VOIDED LOCATIONS HOWEVER, PIN WINDOWS WILL BE CLOSED.
- VOIDS CANNOT BE PRESENT IN BOTH ROWS ON A CONNECTOR.

|                                                                                                                                                                                                                  |                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                 |                                                                                                                                          |                                                   |                                        |       |       |          |       |       |          |        |       |         |        |       |               |  |  |                                                                                                                                                                                                                                                                                                                                          |          |      |     |            |            |      |     |            |             |      |     |            |                                 |                                           |                                   |                                                 |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|----------------------------------------|-------|-------|----------|-------|-------|----------|--------|-------|---------|--------|-------|---------------|--|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------|-----|------------|------------|------|-----|------------|-------------|------|-----|------------|---------------------------------|-------------------------------------------|-----------------------------------|-------------------------------------------------|
| <div> <div> PDRS#1861, ADD 791075104,<br/>5105, 5106, 5107<br/>EC NO: S2009-0107<br/>DRAWN BY CHYD:SKANG<br/>2008/09/15<br/>APPR:MLONG<br/>2008/09/15<br/>REV<br/>H1 </div> <div> DESCRIPTION<br/> </div> </div> | <div>QUALITY SYMBOLS</div> <div> <div> <div> </div> <div>=0</div> </div> <div> <div> </div> <div>=0</div> </div> </div> | <div>GENERAL TOLERANCES (UNLESS SPECIFIED)</div> <table> <tr> <td></td> <td>mm</td> <td>INCH</td> </tr> <tr> <td>4 PLACES</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>3 PLACES</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.25</td> <td>± ---</td> </tr> <tr> <td>1 PLACE</td> <td>± 0.38</td> <td>± ---</td> </tr> <tr> <td colspan="3">ANGULAR ±1/2°</td> </tr> </table> |                                                                 | mm                                                                                                                                       | INCH                                              | 4 PLACES                               | ± --- | ± --- | 3 PLACES | ± --- | ± --- | 2 PLACES | ± 0.25 | ± --- | 1 PLACE | ± 0.38 | ± --- | ANGULAR ±1/2° |  |  | <div>DIMENSION STYLE</div> <div>MM ONLY</div> <table> <tr> <td>DRAWN BY</td> <td>DATE</td> </tr> <tr> <td>AAB</td> <td>1989/05/15</td> </tr> <tr> <td>CHECKED BY</td> <td>DATE</td> </tr> <tr> <td>MJM</td> <td>1989/05/15</td> </tr> <tr> <td>APPROVED BY</td> <td>DATE</td> </tr> <tr> <td>WAZ</td> <td>1989/05/15</td> </tr> </table> | DRAWN BY | DATE | AAB | 1989/05/15 | CHECKED BY | DATE | MJM | 1989/05/15 | APPROVED BY | DATE | WAZ | 1989/05/15 | <div>SCALE</div> <div>NTS</div> | <div>DESIGN UNITS</div> <div>METRIC</div> | <div>THIRD ANGLE PROJECTION</div> | <div>2MM DUAL ROW VERTICAL RECEPTACLE T/H</div> |
|                                                                                                                                                                                                                  |                                                                                                                         | mm                                                                                                                                                                                                                                                                                                                                                                                                          | INCH                                                            |                                                                                                                                          |                                                   |                                        |       |       |          |       |       |          |        |       |         |        |       |               |  |  |                                                                                                                                                                                                                                                                                                                                          |          |      |     |            |            |      |     |            |             |      |     |            |                                 |                                           |                                   |                                                 |
|                                                                                                                                                                                                                  | 4 PLACES                                                                                                                | ± ---                                                                                                                                                                                                                                                                                                                                                                                                       | ± ---                                                           |                                                                                                                                          |                                                   |                                        |       |       |          |       |       |          |        |       |         |        |       |               |  |  |                                                                                                                                                                                                                                                                                                                                          |          |      |     |            |            |      |     |            |             |      |     |            |                                 |                                           |                                   |                                                 |
|                                                                                                                                                                                                                  | 3 PLACES                                                                                                                | ± ---                                                                                                                                                                                                                                                                                                                                                                                                       | ± ---                                                           |                                                                                                                                          |                                                   |                                        |       |       |          |       |       |          |        |       |         |        |       |               |  |  |                                                                                                                                                                                                                                                                                                                                          |          |      |     |            |            |      |     |            |             |      |     |            |                                 |                                           |                                   |                                                 |
|                                                                                                                                                                                                                  | 2 PLACES                                                                                                                | ± 0.25                                                                                                                                                                                                                                                                                                                                                                                                      | ± ---                                                           |                                                                                                                                          |                                                   |                                        |       |       |          |       |       |          |        |       |         |        |       |               |  |  |                                                                                                                                                                                                                                                                                                                                          |          |      |     |            |            |      |     |            |             |      |     |            |                                 |                                           |                                   |                                                 |
| 1 PLACE                                                                                                                                                                                                          | ± 0.38                                                                                                                  | ± ---                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                 |                                                                                                                                          |                                                   |                                        |       |       |          |       |       |          |        |       |         |        |       |               |  |  |                                                                                                                                                                                                                                                                                                                                          |          |      |     |            |            |      |     |            |             |      |     |            |                                 |                                           |                                   |                                                 |
| ANGULAR ±1/2°                                                                                                                                                                                                    |                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                 |                                                                                                                                          |                                                   |                                        |       |       |          |       |       |          |        |       |         |        |       |               |  |  |                                                                                                                                                                                                                                                                                                                                          |          |      |     |            |            |      |     |            |             |      |     |            |                                 |                                           |                                   |                                                 |
| DRAWN BY                                                                                                                                                                                                         | DATE                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                 |                                                                                                                                          |                                                   |                                        |       |       |          |       |       |          |        |       |         |        |       |               |  |  |                                                                                                                                                                                                                                                                                                                                          |          |      |     |            |            |      |     |            |             |      |     |            |                                 |                                           |                                   |                                                 |
| AAB                                                                                                                                                                                                              | 1989/05/15                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                 |                                                                                                                                          |                                                   |                                        |       |       |          |       |       |          |        |       |         |        |       |               |  |  |                                                                                                                                                                                                                                                                                                                                          |          |      |     |            |            |      |     |            |             |      |     |            |                                 |                                           |                                   |                                                 |
| CHECKED BY                                                                                                                                                                                                       | DATE                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                 |                                                                                                                                          |                                                   |                                        |       |       |          |       |       |          |        |       |         |        |       |               |  |  |                                                                                                                                                                                                                                                                                                                                          |          |      |     |            |            |      |     |            |             |      |     |            |                                 |                                           |                                   |                                                 |
| MJM                                                                                                                                                                                                              | 1989/05/15                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                 |                                                                                                                                          |                                                   |                                        |       |       |          |       |       |          |        |       |         |        |       |               |  |  |                                                                                                                                                                                                                                                                                                                                          |          |      |     |            |            |      |     |            |             |      |     |            |                                 |                                           |                                   |                                                 |
| APPROVED BY                                                                                                                                                                                                      | DATE                                                                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                 |                                                                                                                                          |                                                   |                                        |       |       |          |       |       |          |        |       |         |        |       |               |  |  |                                                                                                                                                                                                                                                                                                                                          |          |      |     |            |            |      |     |            |             |      |     |            |                                 |                                           |                                   |                                                 |
| WAZ                                                                                                                                                                                                              | 1989/05/15                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                 |                                                                                                                                          |                                                   |                                        |       |       |          |       |       |          |        |       |         |        |       |               |  |  |                                                                                                                                                                                                                                                                                                                                          |          |      |     |            |            |      |     |            |             |      |     |            |                                 |                                           |                                   |                                                 |
|                                                                                                                                                                                                                  |                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                             | <div>DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS</div> | <div>MATERIAL NO.</div> <div>SEE TABLE</div>                                                                                             | <div>DOCUMENT NO.</div> <div>SDA-79107-****</div> | <div>SHEET NO.</div> <div>3 OF 3</div> |       |       |          |       |       |          |        |       |         |        |       |               |  |  |                                                                                                                                                                                                                                                                                                                                          |          |      |     |            |            |      |     |            |             |      |     |            |                                 |                                           |                                   |                                                 |
|                                                                                                                                                                                                                  |                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                             | <div>SIZE</div> <div>A3</div>                                   | <div>THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION</div> |                                                   |                                        |       |       |          |       |       |          |        |       |         |        |       |               |  |  |                                                                                                                                                                                                                                                                                                                                          |          |      |     |            |            |      |     |            |             |      |     |            |                                 |                                           |                                   |                                                 |
|                                                                                                                                                                                                                  |                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                 |                                                                                                                                          |                                                   |                                        |       |       |          |       |       |          |        |       |         |        |       |               |  |  |                                                                                                                                                                                                                                                                                                                                          |          |      |     |            |            |      |     |            |             |      |     |            |                                 |                                           |                                   |                                                 |
|                                                                                                                                                                                                                  |                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                 |                                                                                                                                          |                                                   |                                        |       |       |          |       |       |          |        |       |         |        |       |               |  |  |                                                                                                                                                                                                                                                                                                                                          |          |      |     |            |            |      |     |            |             |      |     |            |                                 |                                           |                                   |                                                 |