

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

**Part Number:** [0015445178](#)  
**Status:** **Active**  
**Overview:** [cgrid\\_sl\\_products](#)  
**Description:** 2.54mm (.100") Pitch C-Grid® Receptacle, Through Hole, Dual Row, High Profile, Vertical, High-Temperature, 78 Circuits

**Documents:**

|                                               |                                                      |
|-----------------------------------------------|------------------------------------------------------|
| <a href="#">3D Model</a>                      | <a href="#">Product Specification PS-70181 (PDF)</a> |
| <a href="#">Drawing (PDF)</a>                 | <a href="#">RoHS Certificate of Compliance (PDF)</a> |
| <a href="#">Packaging Specification (PDF)</a> |                                                      |

**Agency Certification**

|     |         |
|-----|---------|
| CSA | LR19980 |
| UL  | E29179  |

**General**

|                |                                   |
|----------------|-----------------------------------|
| Product Family | PCB Receptacles                   |
| Series         | <a href="#">71850</a>             |
| Application    | Board-to-Board                    |
| Overview       | <a href="#">cgrid_sl_products</a> |
| Product Name   | C-Grid®                           |

**Physical**

|                                |                                |
|--------------------------------|--------------------------------|
| Circuits (Loaded)              | 78                             |
| Circuits (maximum)             | 78                             |
| Color - Resin                  | Black                          |
| Durability (mating cycles max) | 50                             |
| Flammability                   | 94V-0                          |
| Glow-Wire Compliant            | No                             |
| Guide to Mating Part           | No                             |
| Keying to Mating Part          | None                           |
| Lock to Mating Part            | No                             |
| 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)            | 0.120 In                       |
| PC Tail Length (mm)            | 3.05 mm                        |
| PCB Locator                    | No                             |
| PCB Retention                  | None                           |
| PCB Thickness Recommended (in) | 0.054 In, 0.071 In             |
| PCB Thickness Recommended (mm) | 1.37 mm, 1.80 mm               |
| Packaging Type                 | Tray                           |
| Pitch - Mating Interface (in)  | 0.100 In                       |
| Pitch - Mating Interface (mm)  | 2.54 mm                        |
| Pitch - Term. Interface (in)   | 0.100 In                       |
| Pitch - Term. Interface (mm)   | 2.54 mm                        |
| Plating min: Mating (µin)      | 30                             |
| Plating min: Mating (µm)       | 0.75                           |
| Plating min: Termination (µin) | 75                             |
| Plating min: Termination (µm)  | 1.875                          |
| Polarized to Mating Part       | No                             |
| Polarized to PCB               | No                             |
| Stackable                      | No                             |

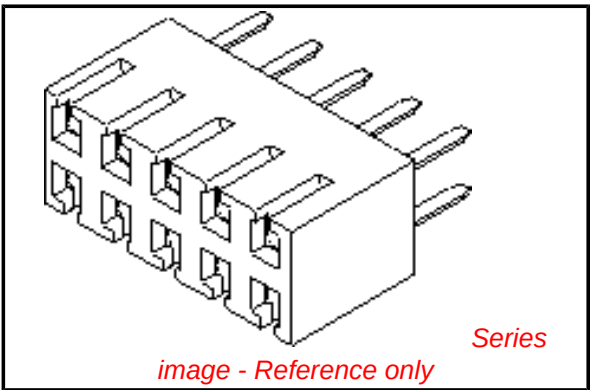


image - Reference only

Series

**EU RoHS**

**ELV and RoHS  
Compliant**  
**REACH SVHC**  
**Contains SVHC: No**  
**Halogen-Free**  
**Status**

**China RoHS**



**Not Reviewed**

**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**

[71850Series](#)

**Mates With**

[8624](#) , [70203](#) , [70246](#) Straight Header,  
[70247](#) Right Angle Header, [70287](#) , [70289](#)  
 , [70227](#) , [70567](#) , [70280](#) , [70524](#) , [70260](#) ,  
[8723](#) , [70568](#) , [8724](#) , [71764](#) , [70229](#) , [70216](#)  
 , [71308](#)

|                                |                 |
|--------------------------------|-----------------|
| Surface Mount Compatible (SMC) | Yes             |
| Temperature Range - Operating  | -40°C to +105°C |
| Termination Interface: Style   | Through Hole    |

**Electrical**

|                               |               |
|-------------------------------|---------------|
| Current - Maximum per Contact | 2.5A          |
| Grounding to PCB              | No            |
| Voltage - Maximum             | 500V AC (RMS) |

**Solder Process Data**

|                                                |                              |
|------------------------------------------------|------------------------------|
| Duration at Max. Process Temperature (seconds) | 40                           |
| Lead-free Process Capability                   | SMC & Wave Capable (TH only) |
| Max. Cycles at Max. Process Temperature        | 3                            |
| Process Temperature max. C                     | 260                          |

**Material Info**

|                 |            |
|-----------------|------------|
| Old Part Number | 71850-0230 |
|-----------------|------------|

**Reference - Drawing Numbers**

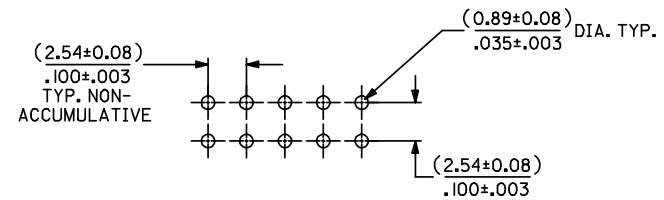
|                         |                |
|-------------------------|----------------|
| Packaging Specification | PK-70873-0660  |
| Product Specification   | PS-70181       |
| Sales Drawing           | SDA-71850-0*** |

This document was generated on 05/31/2010

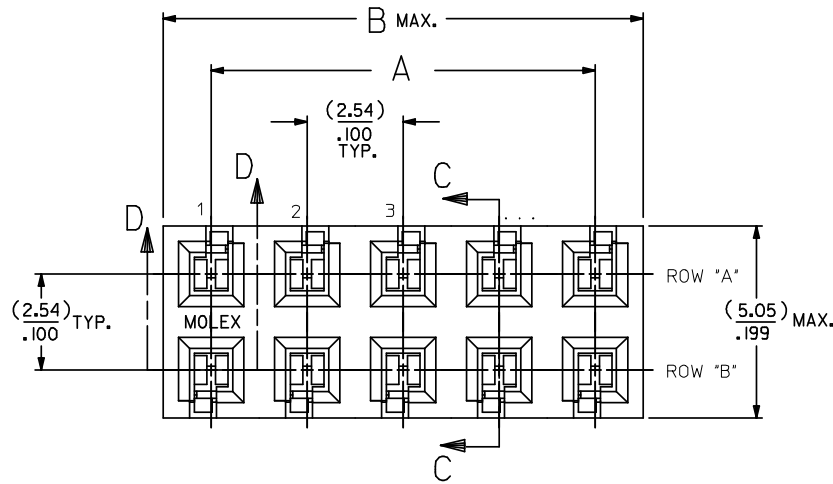
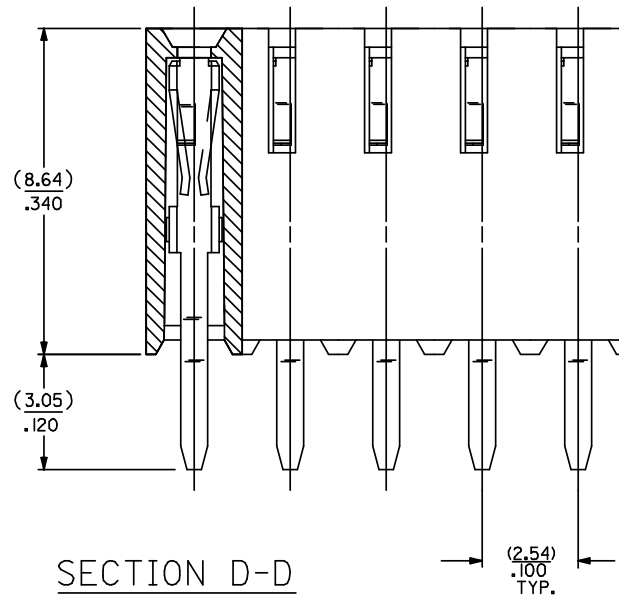
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# NOTES:

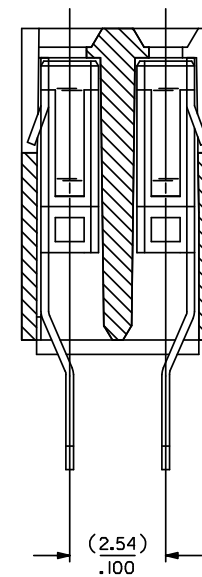
1. HOUSING MATERIAL: GLASS FILLED LIQUID CRYSTAL POLYMER, UL 94V-0, COLOR: BLACK.  
TERMINAL MATERIAL: PHOSPHOR BRONZE
2. FINISHES: SEE CHART SHEET 2.
3. REFER TO PRODUCT SPECIFICATION PS-70181.
4. PACKAGING IN TRAYS PER PK-70873-0660.
5. SEE SHEET 2 FOR CIRCUIT SIZES AND OVERALL DIMENSIONS.
6. RECOMMENDED PCB THICKNESS (1.37-1.80)/.054-.071.
7. PART COMPLIES WITH CLASS C REQUIREMENTS OF COSMETIC SPECIFICATION PS-45499-002.



RECOMMENDED P.C. BOARD HOLE LAYOUT  
SCALE 4:1



SECTION D-D



SECTION C-C

|                                                                                                                            |  |  |  |             |                 |                                                                                                 |  |  |                                                                                                                                         |  |                                                                            |                      |                        |  |
|----------------------------------------------------------------------------------------------------------------------------|--|--|--|-------------|-----------------|-------------------------------------------------------------------------------------------------|--|--|-----------------------------------------------------------------------------------------------------------------------------------------|--|----------------------------------------------------------------------------|----------------------|------------------------|--|
| REMOVE 71850-0232<br>EC NO: UCP2009-0115<br>DRWNG: GAVILL 2008/07/22<br>CHKD: HK/PPR 2008/07/25<br>APPR: FSM/TH 2008/07/28 |  |  |  | DESCRIPTION | QUALITY SYMBOLS | GENERAL TOLERANCES (UNLESS SPECIFIED)                                                           |  |  | DIMENSION STYLE<br>MM/IN                                                                                                                |  | SCALE                                                                      | DESIGN UNITS<br>INCH | THIRD ANGLE PROJECTION |  |
|                                                                                                                            |  |  |  |             | ▽=0<br>▽=0      |                                                                                                 |  |  | DRAWN BY<br>SKL<br>DATE<br>1988/02/29                                                                                                   |  | TITLE<br>SALES VERTICAL MOUNT<br>DUAL ROW HIGH TEMP<br>.100 X .100 PC GRID |                      |                        |  |
|                                                                                                                            |  |  |  |             |                 | 4 PLACES ± --- ± ---<br>3 PLACES ± --- ± .005<br>2 PLACES ± 0.13 ± .010<br>1 PLACE ± 0.25 ± --- |  |  | CHECKED BY<br>MJM<br>DATE<br>1988/02/29                                                                                                 |  |                                                                            |                      |                        |  |
|                                                                                                                            |  |  |  |             |                 | ANGULAR ±1/2°                                                                                   |  |  | APPROVED BY<br>WAZ<br>DATE<br>1988/02/29                                                                                                |  | MOLEX MOLEX INCORPORATED                                                   |                      |                        |  |
|                                                                                                                            |  |  |  |             |                 | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS                                      |  |  | MATERIAL NO.<br>SEE TABLE                                                                                                               |  | DOCUMENT NO.<br>SDA-71850-0***                                             |                      | SHEET NO.<br>1 OF 2    |  |
| E2                                                                                                                         |  |  |  | REV         |                 |                                                                                                 |  |  | SIZE<br>C THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |  |                                                                            |                      |                        |  |

|   |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |       |            |              |                            |            |              |                            |            |              |                            |         |       |         |       |    |      |
|---|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------------|--------------|----------------------------|------------|--------------|----------------------------|------------|--------------|----------------------------|---------|-------|---------|-------|----|------|
|   |  | 13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 12    | 11         | 10           | 9                          | 8          | 7            | 6                          | 5          | 4            | 3                          | 2       | 1     |         |       |    |      |
| J |  | CKT. SIZE                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |       |            |              |                            |            |              |                            |            |              |                            |         |       |         |       |    |      |
|   |  | PER ROW                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | TOTAL | EDP NO     | ENG NO       | RELEASED FOR MANUFACTURING | EDP NO     | ENG NO       | RELEASED FOR MANUFACTURING | EDP NO     | ENG NO       | RELEASED FOR MANUFACTURING | DIM."A" |       | DIM."B" |       |    |      |
|   |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |       |            |              |                            |            |              |                            |            |              |                            | MM      | INCH  | MM      | INCH  | MM | INCH |
|   |  | 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 4     | 15-44-6804 | A-71850-0065 |                            | 15-44-5804 | A-71850-0129 |                            | 15-44-5104 | A-71850-0193 |                            | 2,54    | .100  | 5,05    | .199  |    |      |
|   |  | 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 6     | 15-44-6806 | A-71850-0066 |                            | 15-44-5806 | A-71850-0130 |                            | 15-44-5106 | A-71850-0194 |                            | 5,08    | .200  | 7,59    | .299  |    |      |
|   |  | 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 8     | 15-44-6808 | A-71850-0067 |                            | 15-44-5808 | A-71850-0131 |                            | 15-44-5108 | A-71850-0195 |                            | 7,62    | .300  | 10,13   | .399  |    |      |
| I |  | 5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 10    | 15-44-6810 | A-71850-0068 |                            | 15-44-5810 | A-71850-0132 |                            | 15-44-5110 | A-71850-0196 |                            | 10,16   | .400  | 12,67   | .499  |    |      |
|   |  | 6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 12    | 15-44-6812 | A-71850-0069 |                            | 15-44-5812 | A-71850-0133 |                            | 15-44-5112 | A-71850-0197 |                            | 12,70   | .500  | 15,21   | .599  |    |      |
|   |  | 7                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 14    | 15-44-6814 | A-71850-0070 |                            | 15-44-5814 | A-71850-0134 |                            | 15-44-5114 | A-71850-0198 |                            | 15,24   | .600  | 17,75   | .699  |    |      |
|   |  | 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 16    | 15-44-6816 | A-71850-0071 |                            | 15-44-5816 | A-71850-0135 |                            | 15-44-5116 | A-71850-0199 |                            | 17,78   | .700  | 20,29   | .799  |    |      |
|   |  | 9                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 18    | 15-44-6818 | A-71850-0072 |                            | 15-44-5818 | A-71850-0136 |                            | 15-44-5118 | A-71850-0200 |                            | 20,32   | .800  | 22,83   | .899  |    |      |
|   |  | 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 20    | 15-44-6820 | A-71850-0073 |                            | 15-44-5820 | A-71850-0137 |                            | 15-44-5120 | A-71850-0201 |                            | 22,86   | .900  | 25,37   | .999  |    |      |
| H |  | 11                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 22    | 15-44-6822 | A-71850-0074 |                            | 15-44-5822 | A-71850-0138 |                            | 15-44-5122 | A-71850-0202 |                            | 25,40   | 1,000 | 27,91   | 1,099 |    |      |
|   |  | 12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 24    | 15-44-6824 | A-71850-0075 |                            | 15-44-5824 | A-71850-0139 |                            | 15-44-5124 | A-71850-0203 |                            | 27,94   | 1,100 | 30,45   | 1,199 |    |      |
|   |  | 13                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 26    | 15-44-6826 | A-71850-0076 |                            | 15-44-5826 | A-71850-0140 |                            | 15-44-5126 | A-71850-0204 |                            | 30,48   | 1,200 | 32,99   | 1,299 |    |      |
|   |  | 14                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 28    | 15-44-6828 | A-71850-0077 |                            | 15-44-5828 | A-71850-0141 |                            | 15-44-5128 | A-71850-0205 |                            | 33,02   | 1,300 | 35,53   | 1,399 |    |      |
|   |  | 15                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 30    | 15-44-6830 | A-71850-0078 |                            | 15-44-5830 | A-71850-0142 |                            | 15-44-5130 | A-71850-0206 |                            | 35,56   | 1,400 | 38,07   | 1,499 |    |      |
|   |  | 16                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 32    | 15-44-6832 | A-71850-0079 |                            | 15-44-5832 | A-71850-0143 |                            | 15-44-5132 | A-71850-0207 |                            | 38,10   | 1,500 | 40,61   | 1,599 |    |      |
| G |  | 17                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 34    | 15-44-6834 | A-71850-0080 |                            | 15-44-5834 | A-71850-0144 |                            | 15-44-5134 | A-71850-0208 |                            | 40,64   | 1,600 | 43,15   | 1,699 |    |      |
|   |  | 18                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 36    | 15-44-6836 | A-71850-0081 |                            | 15-44-5836 | A-71850-0145 |                            | 15-44-5136 | A-71850-0209 |                            | 43,18   | 1,700 | 45,69   | 1,799 |    |      |
|   |  | 19                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 38    | 15-44-6838 | A-71850-0082 |                            | 15-44-5838 | A-71850-0146 |                            | 15-44-5138 | A-71850-0210 |                            | 45,72   | 1,800 | 48,23   | 1,899 |    |      |
|   |  | 20                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 40    | 15-44-6840 | A-71850-0083 |                            | 15-44-5840 | A-71850-0147 |                            | 15-44-5140 | A-71850-0211 |                            | 48,26   | 1,900 | 50,77   | 1,999 |    |      |
|   |  | 21                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 42    | 15-44-6842 | A-71850-0084 |                            | 15-44-5842 | A-71850-0148 |                            | 15-44-5142 | A-71850-0212 |                            | 50,80   | 2,000 | 53,31   | 2,099 |    |      |
|   |  | 22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 44    | 15-44-6844 | A-71850-0085 |                            | 15-44-5844 | A-71850-0149 |                            | 15-44-5144 | A-71850-0213 |                            | 53,34   | 2,100 | 55,85   | 2,199 |    |      |
|   |  | 23                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 46    | 15-44-6846 | A-71850-0086 |                            | 15-44-5846 | A-71850-0150 |                            | 15-44-5146 | A-71850-0214 |                            | 55,88   | 2,200 | 58,39   | 2,299 |    |      |
|   |  | 24                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 48    | 15-44-6848 | A-71850-0087 |                            | 15-44-5848 | A-71850-0151 |                            | 15-44-5148 | A-71850-0215 |                            | 58,42   | 2,300 | 60,93   | 2,399 |    |      |
| F |  | 25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 50    | 15-44-6850 | A-71850-0088 |                            | 15-44-5850 | A-71850-0152 |                            | 15-44-5150 | A-71850-0216 |                            | 60,96   | 2,400 | 63,47   | 2,499 |    |      |
|   |  | 26                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 52    | 15-44-6852 | A-71850-0089 |                            | 15-44-5852 | A-71850-0153 |                            | 15-44-5152 | A-71850-0217 |                            | 63,50   | 2,500 | 66,01   | 2,599 |    |      |
|   |  | 27                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 54    | 15-44-6854 | A-71850-0090 |                            | 15-44-5854 | A-71850-0154 |                            | 15-44-5154 | A-71850-0218 |                            | 66,04   | 2,600 | 68,55   | 2,699 |    |      |
|   |  | 28                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 56    | 15-44-6856 | A-71850-0091 |                            | 15-44-5856 | A-71850-0155 |                            | 15-44-5156 | A-71850-0219 |                            | 68,58   | 2,700 | 71,09   | 2,799 |    |      |
|   |  | 29                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 58    | 15-44-6858 | A-71850-0092 |                            | 15-44-5858 | A-71850-0156 |                            | 15-44-5158 | A-71850-0220 |                            | 71,12   | 2,800 | 73,63   | 2,899 |    |      |
|   |  | 30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 60    | 15-44-6860 | A-71850-0093 |                            | 15-44-5860 | A-71850-0157 |                            | 15-44-5160 | A-71850-0221 |                            | 73,66   | 2,900 | 76,17   | 2,999 |    |      |
| E |  | 31                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 62    | 15-44-6862 | A-71850-0094 |                            | 15-44-5862 | A-71850-0158 |                            | 15-44-5162 | A-71850-0222 |                            | 76,20   | 3,000 | 78,71   | 3,099 |    |      |
|   |  | 32                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 64    | 15-44-6864 | A-71850-0095 |                            | 15-44-5864 | A-71850-0159 |                            | 15-44-5164 | A-71850-0223 |                            | 78,74   | 3,100 | 81,25   | 3,199 |    |      |
|   |  | 33                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 66    | 15-44-6866 | A-71850-0096 |                            | 15-44-5866 | A-71850-0160 |                            | 15-44-5166 | A-71850-0224 |                            | 81,28   | 3,200 | 83,79   | 3,299 |    |      |
|   |  | 34                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 68    | 15-44-6868 | A-71850-0097 |                            | 15-44-5868 | A-71850-0161 |                            | 15-44-5168 | A-71850-0225 |                            | 83,82   | 3,300 | 86,33   | 3,399 |    |      |
|   |  | 35                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 70    | 15-44-6870 | A-71850-0098 |                            | 15-44-5870 | A-71850-0162 |                            | 15-44-5170 | A-71850-0226 |                            | 86,36   | 3,400 | 88,87   | 3,499 |    |      |
|   |  | 36                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 72    | 15-44-6872 | A-71850-0099 |                            | 15-44-5872 | A-71850-0163 |                            | 15-44-5172 | A-71850-0227 |                            | 88,90   | 3,500 | 91,41   | 3,599 |    |      |
| D |  | 37                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 74    | 15-44-6874 | A-71850-0100 |                            | 15-44-5874 | A-71850-0164 |                            | 15-44-5174 | A-71850-0228 |                            | 91,44   | 3,600 | 93,95   | 3,699 |    |      |
|   |  | 38                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 76    | 15-44-6876 | A-71850-0101 |                            | 15-44-5876 | A-71850-0165 |                            | 15-44-5176 | A-71850-0229 |                            | 93,98   | 3,700 | 96,49   | 3,799 |    |      |
|   |  | 39                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 78    | 15-44-6878 | A-71850-0102 |                            | 15-44-5878 | A-71850-0166 |                            | 15-44-5178 | A-71850-0230 |                            | 96,52   | 3,800 | 99,03   | 3,899 |    |      |
|   |  | 40                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 80    | 15-44-6880 | A-71850-0103 |                            | 15-44-5880 | A-71850-0167 |                            | 15-44-5180 | A-71850-0231 |                            | 99,06   | 3,900 | 101,57  | 3,999 |    |      |
| C |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |       |            |              |                            |            |              |                            |            |              |                            |         |       |         |       |    |      |
| B |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |       |            |              |                            |            |              |                            |            |              |                            |         |       |         |       |    |      |
| A |  | PLATING PER ES-88-***<br>TIN - (3.81 MICROMETERS)/150 MICROINCHES MINIMUM TIN OVERALL OVER NICKEL UNDERPLATE OVERALL.<br>15 GOLD - (0.38 MICROMETERS)/15 MICROINCHES MINIMUM GOLD PLATE IN SELECT AREA, (1.90 MICROMETERS)/75 MICROINCHES MINIMUM TIN IN SELECT AREA OVER NICKEL UNDERPLATE OVERALL.<br>30 GOLD - (0.76 MICROMETERS)/30 MICROINCHES MINIMUM GOLD PLATE IN SELECT AREA, (1.90 MICROMETERS)/75 MICROINCHES MINIMUM TIN IN SELECT AREA OVER NICKEL UNDERPLATE OVERALL. |       |            |              |                            |            |              |                            |            |              |                            |         |       |         |       |    |      |
|   |  | REMOVE 71850-0232<br>EC NO: UCP2009-0115<br>DRAWING: GVERILL<br>CHKD: HKJ<br>APPR: FSM<br>2008/07/22<br>2008/07/25<br>2008/07/28                                                                                                                                                                                                                                                                                                                                                    |       |            |              |                            |            |              |                            |            |              |                            |         |       |         |       |    |      |
|   |  | QUALITY SYMBOLS<br>▽=0<br>▽=0                                                                                                                                                                                                                                                                                                                                                                                                                                                       |       |            |              |                            |            |              |                            |            |              |                            |         |       |         |       |    |      |
|   |  | GENERAL TOLERANCES (UNLESS SPECIFIED)<br>mm INCH<br>4 PLACES ± --- ± ---<br>3 PLACES ± --- ± .005<br>2 PLACES ± 0.13 ± .010<br>1 PLACE ± 0.25 ± ---<br>ANGULAR ± 1/2°                                                                                                                                                                                                                                                                                                               |       |            |              |                            |            |              |                            |            |              |                            |         |       |         |       |    |      |
|   |  | DRAFT WHERE APPLICABLE<br>MUST REMAIN WITHIN DIMENSIONS                                                                                                                                                                                                                                                                                                                                                                                                                             |       |            |              |                            |            |              |                            |            |              |                            |         |       |         |       |    |      |
|   |  | DIMENSION STYLE<br>MM/IN<br>DRAWN BY DATE<br>SKL 1988/02/29<br>CHECKED BY DATE<br>MJM 1988/02/29<br>APPROVED BY DATE<br>WAZ 1988/02/29                                                                                                                                                                                                                                                                                                                                              |       |            |              |                            |            |              |                            |            |              |                            |         |       |         |       |    |      |
|   |  | SCALE<br>1:1<br>DESIGN UNITS<br>INCH<br>THIRD ANGLE PROJECTION                                                                                                                                                                                                                                                                                                                                                                                                                      |       |            |              |                            |            |              |                            |            |              |                            |         |       |         |       |    |      |
|   |  | SALES VERTICAL MOUNT<br>DUAL ROW HIGH TEMP<br>.100 X .100 PC GRID<br>MOLEX<br>MOLEX INCORPORATED                                                                                                                                                                                                                                                                                                                                                                                    |       |            |              |                            |            |              |                            |            |              |                            |         |       |         |       |    |      |
|   |  | MATERIAL NO.<br>SEE TABLE<br>DOCUMENT NO.<br>SDA-71850-0***<br>SHEET NO.<br>2 OF 2                                                                                                                                                                                                                                                                                                                                                                                                  |       |            |              |                            |            |              |                            |            |              |                            |         |       |         |       |    |      |
|   |  | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION                                                                                                                                                                                                                                                                                                                                                       |       |            |              |                            |            |              |                            |            |              |                            |         |       |         |       |    |      |
|   |  | 1b_frame_C_P_AM.T<br>Rev. E 2006/04/15                                                                                                                                                                                                                                                                                                                                                                                                                                              | 12    | 11         | 10           | 9                          | 8          | 7            | 6                          | 5          | 4            | 3                          | 2       | 1     |         |       |    |      |