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**Part Number:** [0701070055](#)  
**Status:** **Active**  
**Overview:** [cgrid\\_sl\\_products](#)  
**Description:** 2.54mm (.100") Pitch SL™ Wire-to-Wire Panel Mount Crimp Housing, Single Row, Version B, With Mounting Ears, 21 Circuits

**Documents:**  
[3D Model](#)  
[Drawing \(PDF\)](#)

[Product Specification PS-70400 \(PDF\)](#)  
[RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

|     |           |
|-----|-----------|
| CSA | LR19980   |
| TUV | R72081037 |
| UL  | E29179    |

**General**

|                |                                   |
|----------------|-----------------------------------|
| Product Family | Crimp Housings                    |
| Series         | <a href="#">70107</a>             |
| Overview       | <a href="#">cgrid_sl_products</a> |
| Product Name   | SL™                               |

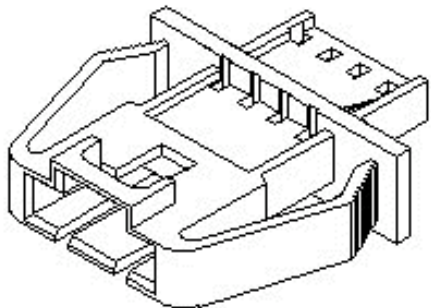
**Physical**

|                               |                 |
|-------------------------------|-----------------|
| Circuits (maximum)            | 21              |
| Color - Resin                 | Black           |
| Flammability                  | 94V-0           |
| Gender                        | Male            |
| Glow-Wire Compliant           | No              |
| Material - Resin              | Polyester       |
| Number of Rows                | 1               |
| Packaging Type                | Bag             |
| Panel Mount                   | Yes             |
| Pitch - Mating Interface (in) | 0.100 In        |
| Pitch - Mating Interface (mm) | 2.54 mm         |
| Temperature Range - Operating | -40°C to +120°C |

**Material Info**

**Reference - Drawing Numbers**

|                         |                    |
|-------------------------|--------------------|
| Packaging Specification | PK-70107-100       |
| Product Specification   | PS-70400           |
| Sales Drawing           | SD-70107-0036-0059 |



Series

image - Reference only

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

**China RoHS**



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

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

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

**Search Parts in this Series**  
[70107Series](#)

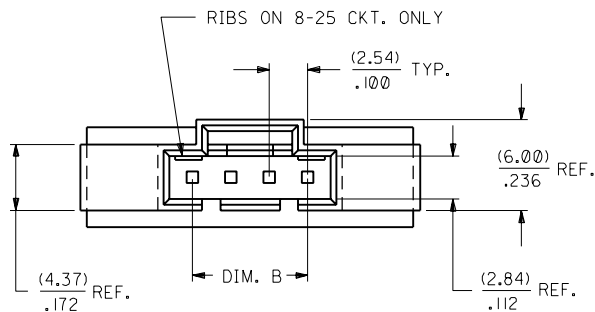
**Mates With**  
[70400G](#) ,, [70066g](#) Housing, [70430g](#) Receptacle

**Use With**  
[70021](#)

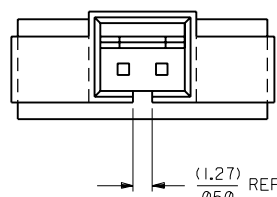
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# NOTES:

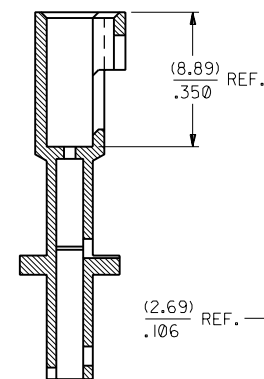
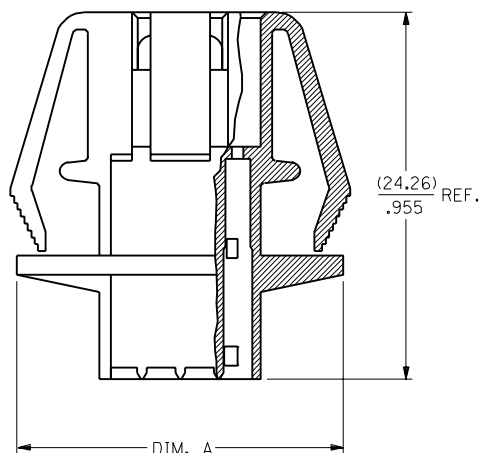
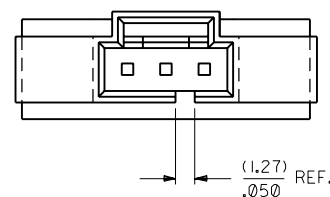
- 1) MATERIAL: POLYESTER, 94V-0  
COLOR: BLACK
- 2) HOUSING TO BE USED WITH TERMINAL  
PT. NO. 70021-\*\*\*\*
- 3) SEE CHART FOR CIRCUIT SIZES
- 4) TO BE USED WITH 70400 SERIES  
CONNECTORS (STYLE "G")
- 5) PANEL THICKNESS (0.81)/.032 - (2.36)/.093
- 6) SEE SHEET 3 FOR MOUNTING HOLE DIMENSIONS.
- 7) SEE SHEET 2 FOR OPTIONAL SKIRT AND  
SHROUD CONFIGURATIONS
- 8) PACKAGE PER PK-70107-100.



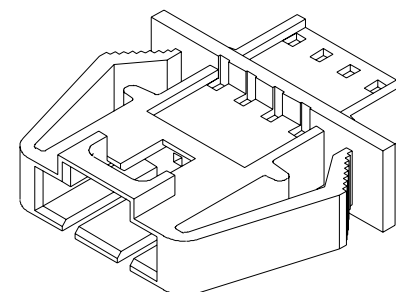
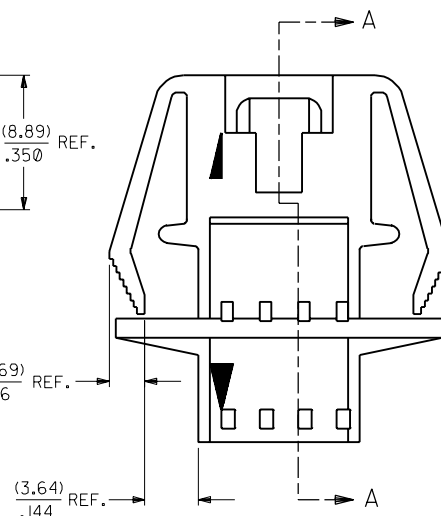
2 CIRCUIT



3 CIRCUIT



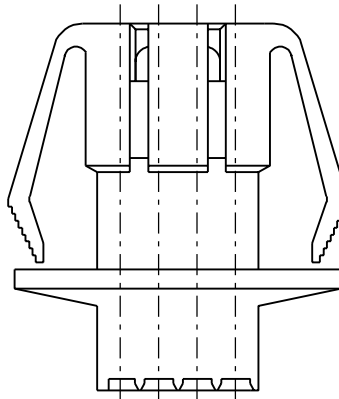
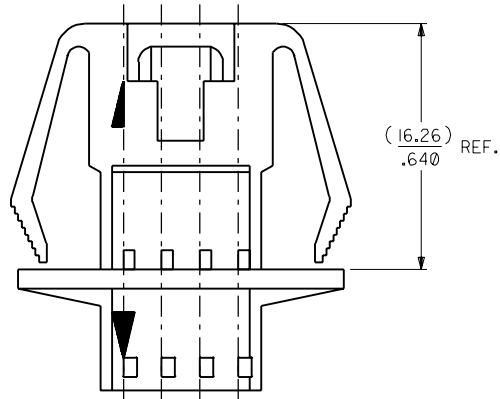
SECTION A-A



| CKT. SIZE | EDP. NO.    | ENG. NO.   | A                | B                |
|-----------|-------------|------------|------------------|------------------|
| 2         | 701-07-0036 | 70107-0036 | (16.51)<br>.650  | (2.54)<br>.100   |
| 3         | 701-07-0037 | 70107-0037 | (19.05)<br>.750  | (5.08)<br>.200   |
| 4         | 701-07-0038 | 70107-0038 | (21.59)<br>.850  | (7.62)<br>.300   |
| 5         | 701-07-0039 | 70107-0039 | (24.13)<br>.950  | (10.16)<br>.400  |
| 6         | 701-07-0040 | 70107-0040 | (26.67)<br>1.050 | (12.70)<br>.500  |
| 7         | 701-07-0041 | 70107-0041 | (29.21)<br>1.150 | (15.24)<br>.600  |
| 8         | 701-07-0042 | 70107-0042 | (31.75)<br>1.250 | (17.78)<br>.700  |
| 9         | 701-07-0043 | 70107-0043 | (34.29)<br>1.350 | (20.32)<br>.800  |
| 10        | 701-07-0044 | 70107-0044 | (36.83)<br>1.450 | (22.86)<br>.900  |
| 11        | 701-07-0045 | 70107-0045 | (39.37)<br>1.550 | (25.40)<br>1.000 |
| 12        | 701-07-0046 | 70107-0046 | (41.91)<br>1.650 | (27.94)<br>1.100 |
| 13        | 701-07-0047 | 70107-0047 | (44.45)<br>1.750 | (30.48)<br>1.200 |
| 14        | 701-07-0048 | 70107-0048 | (46.99)<br>1.850 | (33.02)<br>1.300 |
| 15        | 701-07-0049 | 70107-0049 | (49.53)<br>1.950 | (35.56)<br>1.400 |
| 16        | 701-07-0050 | 70107-0050 | (52.07)<br>2.050 | (38.10)<br>1.500 |
| 17        | 701-07-0051 | 70107-0051 | (54.61)<br>2.150 | (40.64)<br>1.600 |
| 18        | 701-07-0052 | 70107-0052 | (57.15)<br>2.250 | (43.18)<br>1.700 |
| 19        | 701-07-0053 | 70107-0053 | (59.69)<br>2.350 | (45.72)<br>1.800 |
| 20        | 701-07-0054 | 70107-0054 | (62.23)<br>2.450 | (48.26)<br>1.900 |
| 21        | 701-07-0055 | 70107-0055 | (64.77)<br>2.550 | (50.80)<br>2.000 |
| 22        | 701-07-0056 | 70107-0056 | (67.31)<br>2.650 | (53.34)<br>2.100 |
| 23        | 701-07-0057 | 70107-0057 | (69.85)<br>2.750 | (55.88)<br>2.200 |
| 24        | 701-07-0058 | 70107-0058 | (72.39)<br>2.850 | (58.42)<br>2.300 |
| 25        | 701-07-0059 | 70107-0059 | (74.93)<br>2.950 | (60.96)<br>2.400 |

|      |     |
|------|-----|
| 3    | G   |
| 2    | J   |
| 1    | J   |
| MFG. | SH. |
| REV. |     |

|                                                                   |  |                                                                                          |  |                                                    |  |
|-------------------------------------------------------------------|--|------------------------------------------------------------------------------------------|--|----------------------------------------------------|--|
| ADD PKG NOTE<br>PER UDT2000-0489<br>SCHAFFER 99/12/1              |  | DIMENSIONS SHOWN (METRIC) INCH<br>UNLESS OTHERWISE SPECIFIED<br>TOLERANCES: ANGULAR 1/2° |  | REVISE ONLY ON CAD SYSTEM                          |  |
| REVISED E&R DIM'S<br>PER ECR #9533<br>12/1/86 MJM/JAS             |  | INCH METRIC<br>5 PLACE ± .010 ---<br>2 PLACE ± .014 ± 0.25<br>1 PLACE --- ± 0.35         |  | TITLE<br>HOUSING, CONNECTOR<br>(2.54)/.100 GRID    |  |
| REDRAWN ON CAD<br>ADD NEW SHEET 2<br>PER ECR #9280<br>8/21/86 MJM |  | DRAFT WHERE APPLICABLE MUST<br>REMAIN WITHIN DIMENSIONS                                  |  | MOLEX INCORPORATED<br>LITTLE ROCK, AR 60532 U.S.A. |  |
| LTR. REVISIONS                                                    |  | LTR. REVISIONS                                                                           |  | SHEET NO. 1 OF 3<br>DATE 7 / 4 / 86                |  |
| DRAWN BY RS<br>CHK'D BY MJM<br>SCALE 4: 1                         |  | PART NO. SD-70107-0036-0059                                                              |  | FILE NAME S70107X02<br>DIV. DA                     |  |



OPTIONAL CONFIGURATIONS FOR INTERNATIONAL MOLD

| MFG.                                                           |            | SH.                                                                                                                    |             | REV.                         |  |
|----------------------------------------------------------------|------------|------------------------------------------------------------------------------------------------------------------------|-------------|------------------------------|--|
| DIMENSIONS SHOWN (METRIC) INCH                                 |            |                                                                                                                        |             |                              |  |
| UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR $\pm 1/2^\circ$ |            |                                                                                                                        |             |                              |  |
| INCH                                                           |            | METRIC                                                                                                                 |             |                              |  |
| 3 PLACE                                                        | $\pm .010$ | ---                                                                                                                    |             |                              |  |
| 2 PLACE                                                        | $\pm .014$ | $\pm 0.25$                                                                                                             |             |                              |  |
| 1 PLACE                                                        | ---        | $\pm 0.35$                                                                                                             |             |                              |  |
| DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS           |            |                                                                                                                        |             |                              |  |
| DRWG. BY                                                       | RS         | CHK'D. BY                                                                                                              | MJM         |                              |  |
| APP'D. BY                                                      | WAZ        | SCALE                                                                                                                  | 4:1         |                              |  |
| LTR.                                                           | REVISIONS  | LTR.                                                                                                                   | REVISIONS   |                              |  |
|                                                                |            | G                                                                                                                      | SEE SHEET I |                              |  |
| TITLE                                                          |            | REVISE ONLY ON CAD SYSTEM                                                                                              |             |                              |  |
| HOUSING, CONNECTOR (2.54)/.100 GRID                            |            |                                                                                                                        |             |                              |  |
| MOLEX INCORPORATED                                             |            | SHEET NO. 2                                                                                                            |             | DATE 7 / 4 / 86              |  |
| L15LEJLL 60532 U.S.A.                                          |            | PART NO.                                                                                                               |             | DRWG. NO. SD-70107-0036-0059 |  |
| FILE NAME S70107X06.DWG                                        |            | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION. |             | DIV. DA SIZE C               |  |

