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Part Number: [0050579310](#)
Status: **Active**
Overview: [cgrid_sl_products](#)
Description: 2.54mm (.100") Pitch SL™ Crimp Housing, Single Row, Version D, Back Ribs, 10 Circuits

Documents:

| | |
|---|--|
| 3D Model | Product Specification PS-70058 (PDF) |
| Drawing (PDF) | Product Specification PS-70400 (PDF) |
| Packaging Specification (PDF) | RoHS Certificate of Compliance (PDF) |

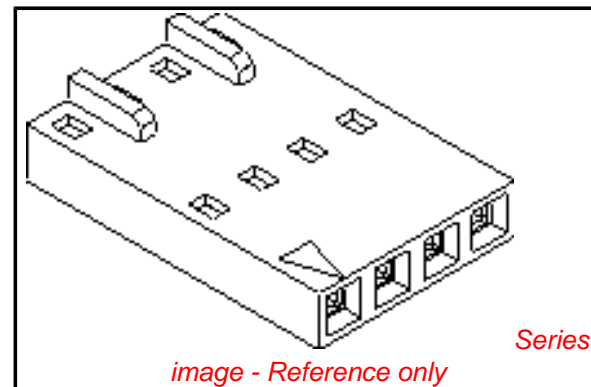


image - Reference only

Agency Certification

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

General

| | |
|----------------|-----------------------------------|
| Product Family | Crimp Housings |
| Series | 70066 |
| Comments | Version D |
| Overview | cgrid_sl_products |
| Product Name | SL™ |

Physical

| | |
|-------------------------------|-----------------|
| Circuits (maximum) | 10 |
| Color - Resin | Black |
| Flammability | 94V-0 |
| Gender | Female |
| Glow-Wire Compliant | No |
| Material - Resin | Polyester Alloy |
| Number of Rows | 1 |
| Packaging Type | Bag |
| Panel Mount | No |
| Pitch - Mating Interface (in) | 0.100 In |
| Pitch - Mating Interface (mm) | 2.54 mm |
| Stackable | Yes |
| Temperature Range - Operating | -40°C to +105°C |

Material Info

| | |
|-----------------|------------|
| Old Part Number | 70066-0114 |
|-----------------|------------|

Reference - Drawing Numbers

| | |
|-------------------------|--------------------|
| Packaging Specification | PK-70066-100 |
| Product Specification | PS-70058, PS-70400 |
| Sales Drawing | SD-70066-0106-0129 |
| Test Summary | TS-70058-001 |

| | |
|---|--|
| EU RoHS ELV and RoHS Compliant REACH SVHC Contains SVHC: No Halogen-Free Status Not Halogen-Free | China RoHS  |
|---|--|

Need more information on product environmental compliance?

Email 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

[70066Series](#)

Mates With

[70004](#) Interim Clip, [70013](#) , [70022](#) , [70104](#)

Use With

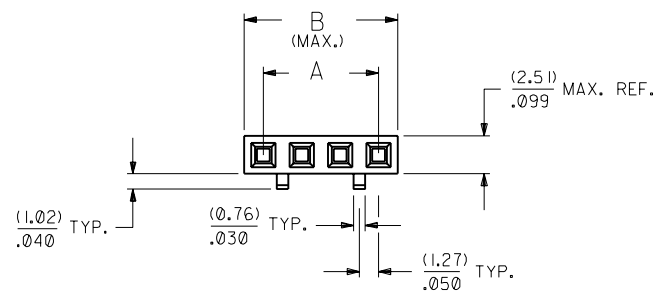
[70021](#) , [70058](#) , [71851](#)

70066

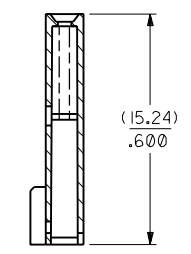
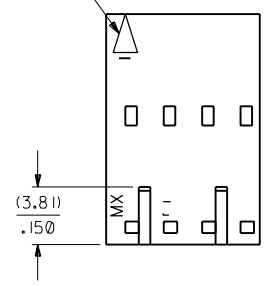
NOTES:

- 1) MATERIAL: G.F. POLYESTER
- 2) HOUSING TO BE USE WITH TERMINAL PT. NO. 70058-****
- 3) SEE CHART FOR CIRCUIT SIZES.
- 4) TO BE USED WITH (0.64)/.025 SQ. OR RD. PINS.
- 5) PARTS STACKABLE END TO END ON (2.54)/.100 CENTERS.
- 6) REFER TO PRODUCT SPECIFICATION NO. : P.S.-70058
- 7) PARTS MAY OR MAY NOT BE SUPPLIED WITH EXTERIOR CORE-OUT CONFIGURATION. SEE DWG. SD-70066-**** FOR OPTIONAL HOUSING DETAILS.
- 8) PACKAGE PER PK-70066-100.

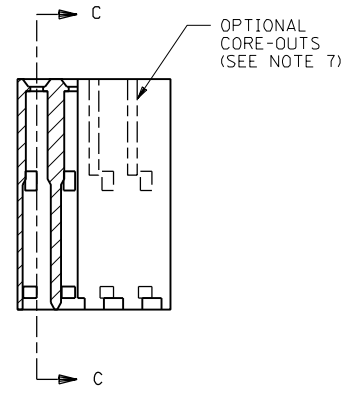
OPTION "D"



CIRCUIT NO. 1 IDENTIFICATION



SECTION C-C



| CKT. SIZE | EDP. NO. | ENG. NO. | A | B |
|-----------|------------|------------|-----------------|-----------------|
| 2 | 50-57-9302 | 70066-0106 | (2.54) / .100 | (5.05) / .199 |
| 3 | 50-57-9303 | 70066-0107 | (5.08) / .200 | (7.59) / .299 |
| 4 | 50-57-9304 | 70066-0108 | (7.62) / .300 | (10.13) / .399 |
| 5 | 50-57-9305 | 70066-0109 | (10.16) / .400 | (12.67) / .499 |
| 6 | 50-57-9306 | 70066-0110 | (12.70) / .500 | (15.21) / .599 |
| 7 | 50-57-9307 | 70066-0111 | (15.24) / .600 | (17.75) / .699 |
| 8 | 50-57-9308 | 70066-0112 | (17.78) / .700 | (20.29) / .799 |
| 9 | 50-57-9309 | 70066-0113 | (20.32) / .800 | (22.83) / .899 |
| 10 | 50-57-9310 | 70066-0114 | (22.86) / .900 | (25.37) / .999 |
| 11 | 50-57-9311 | 70066-0115 | (25.40) / 1.000 | (27.91) / 1.099 |
| 12 | 50-57-9312 | 70066-0116 | (27.94) / 1.100 | (30.45) / 1.199 |
| 13 | 50-57-9313 | 70066-0117 | (30.48) / 1.200 | (32.99) / 1.299 |
| 14 | 50-57-9314 | 70066-0118 | (33.02) / 1.300 | (35.53) / 1.399 |
| 15 | 50-57-9315 | 70066-0119 | (35.56) / 1.400 | (38.07) / 1.499 |
| 16 | 50-57-9316 | 70066-0120 | (38.10) / 1.500 | (40.61) / 1.599 |
| 17 | 50-57-9317 | 70066-0121 | (40.64) / 1.600 | (43.15) / 1.699 |
| 18 | 50-57-9318 | 70066-0122 | (43.18) / 1.700 | (45.69) / 1.799 |
| 19 | 50-57-9319 | 70066-0123 | (45.72) / 1.800 | (48.23) / 1.899 |
| 20 | 50-57-9320 | 70066-0124 | (48.26) / 1.900 | (50.77) / 1.999 |
| 21 | 50-57-9321 | 70066-0125 | (50.80) / 2.000 | (53.31) / 2.099 |
| 22 | 50-57-9322 | 70066-0126 | (53.34) / 2.100 | (55.85) / 2.199 |
| 23 | 50-57-9323 | 70066-0127 | (55.88) / 2.200 | (58.39) / 2.299 |
| 24 | 50-57-9324 | 70066-0128 | (58.42) / 2.300 | (60.93) / 2.399 |
| 25 | 50-57-9325 | 70066-0129 | (60.96) / 2.400 | (63.47) / 2.499 |

70066

MFG. SH. REV.

| E | REVISED PER ECR# U10967 8-8-91 MJM/MGB | DIMENSIONS SHOWN (METRIC) INCH UNLESS OTHERWISE SPECIFIED TOLERANCES: ANGULAR ± 1/2° | <table border="1"> <tr> <th></th> <th>INCH</th> <th>METRIC</th> </tr> <tr> <td>3 PLACE</td> <td>± .010</td> <td>---</td> </tr> <tr> <td>2 PLACE</td> <td>± .014</td> <td>± 0.25</td> </tr> <tr> <td>1 PLACE</td> <td>---</td> <td>± 0.35</td> </tr> </table> | | INCH | METRIC | 3 PLACE | ± .010 | --- | 2 PLACE | ± .014 | ± 0.25 | 1 PLACE | --- | ± 0.35 | <table border="1"> <tr> <td>▽ = 0</td> <td>▼ = 0</td> <td>REVISE ONLY ON CAD SYSTEM</td> </tr> <tr> <td colspan="3">TITLE</td> </tr> <tr> <td colspan="3">HOUSING CONNECTOR (2.54)/.100 GRID STACKABLE SINGLE ROW</td> </tr> <tr> <td colspan="3">MOLLEX INCORPORATED SHEET NO. DATE</td> </tr> <tr> <td colspan="3">LISLE, ILL. 60532 U.S.A. 1 03/28/86</td> </tr> <tr> <td colspan="2">PART NO.</td> <td>DRWG. NO.</td> </tr> <tr> <td colspan="2">SD-70066-0106-0129</td> <td></td> </tr> <tr> <td colspan="2">FILE NAME</td> <td>DIV.</td> </tr> <tr> <td colspan="2">700660106</td> <td>DA</td> </tr> <tr> <td colspan="3">THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION.</td> </tr> </table> | ▽ = 0 | ▼ = 0 | REVISE ONLY ON CAD SYSTEM | TITLE | | | HOUSING CONNECTOR (2.54)/.100 GRID STACKABLE SINGLE ROW | | | MOLLEX INCORPORATED SHEET NO. DATE | | | LISLE, ILL. 60532 U.S.A. 1 03/28/86 | | | PART NO. | | DRWG. NO. | SD-70066-0106-0129 | | | FILE NAME | | DIV. | 700660106 | | DA | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INC. AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION. | | |
|--|---|--|--|------|--------|--------|---------|--------|-----|---------|--------|--------|---------|-----|--------|--|-------|-------|---------------------------|-------|--|--|---|--|--|------------------------------------|--|--|-------------------------------------|--|--|----------|--|-----------|--------------------|--|--|-----------|--|------|-----------|--|----|--|--|--|
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| D | REVISED PER ECR# U80051 3-27-89 MCB | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| F | ADD PKG NOTE ECN UDT2000-0468 SCHAFER 99/12/1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| LTR. | REVISIONS | LTR. | REVISIONS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | DRWG. BY: RS | CHK'D. BY: WZ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | APP'D. BY: RL | SCALE: 4:1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |