

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

**Part Number:** [5013301200](#)  
**Status:** **Active**  
**Overview:** [picoclasp](#)  
**Description:** 1.00mm (.039") Pitch Pico-Clasp™ Wire-to-Board Female Housing, Single Row, with Positive Lock, 12 Circuits

**Documents:**

[3D Model](#)  
[Drawing \(PDF\)](#)  
[Product Specification PS-501331-001 \(PDF\)](#)  
[Product Specification PS-501568-001 \(PDF\)](#)  
[RoHS Certificate of Compliance \(PDF\)](#)

**General**

Product Family Crimp Housings  
Series [501330](#)  
Overview [picoclasp](#)  
Product Name Pico-Clasp™

**Physical**

Circuits (maximum) 12  
Color - Resin White  
Gender Female  
Glow-Wire Compliant No  
Lock to Mating Part Yes  
Material - Resin Nylon  
Number of Rows 1  
Packaging Type Bag  
Panel Mount No  
Pitch - Mating Interface (in) 0.039 In  
Pitch - Mating Interface (mm) 1.00 mm  
Polarized to Mating Part Yes  
Stackable No  
Temperature Range - Operating -40°C to +85°C

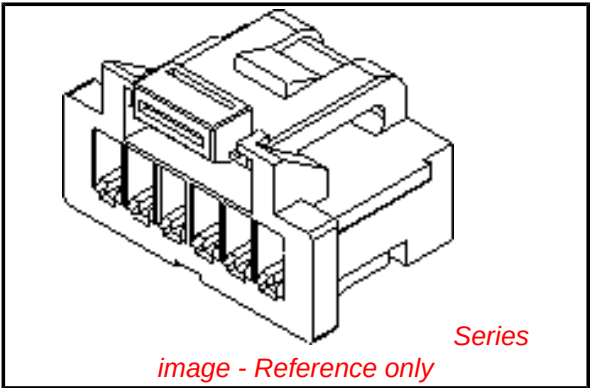
**Electrical**

Current - Maximum per Contact 1A

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification SPK-501330-001  
Product Specification PS-501331-001, PS-501568-001, RPS-501331-001, RPS-501331-002, RPS-501331-003, RPS-501331-005, RPS-501331-006, RPS-501331-007, RPS-501568-002, RPS-501568-003, RPS-501568-004, RPS-501568-005, RPS-501940-001  
Sales Drawing SD-501330-002



**EU RoHS**

**ELV and RoHS  
Compliant**  
**REACH SVHC**  
Not Reviewed  
**Halogen-Free  
Status**

**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**  
[501330Series](#)

**Mates With**  
[501331](#) PCB Header . [501568](#) PCB Header

**Use With**  
[501334](#) Crimp Terminal

F

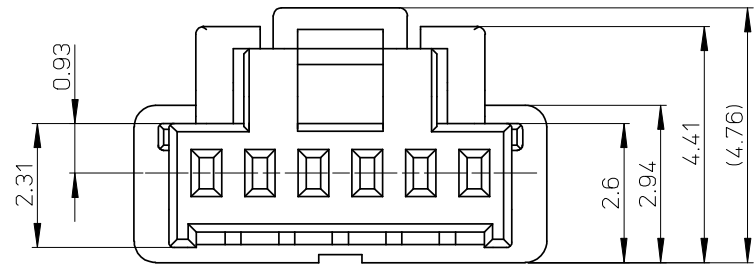
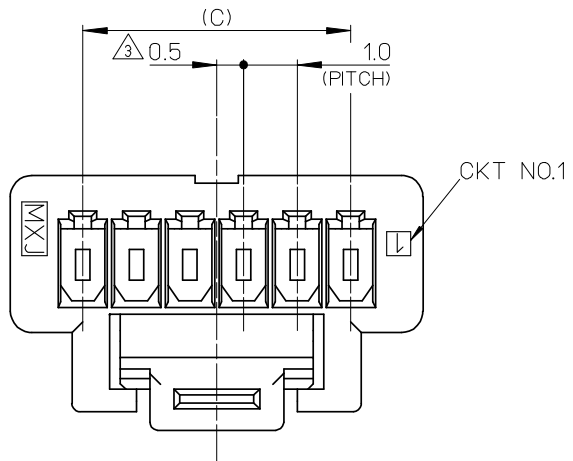
E

D

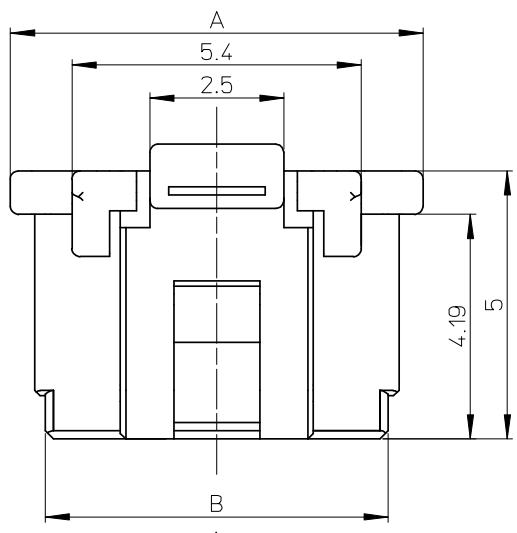
C

B

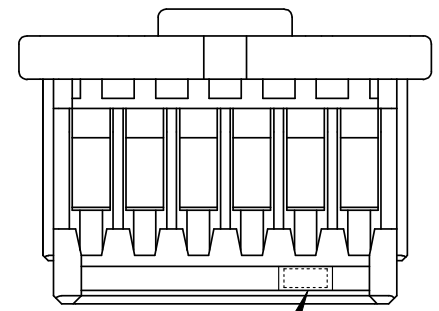
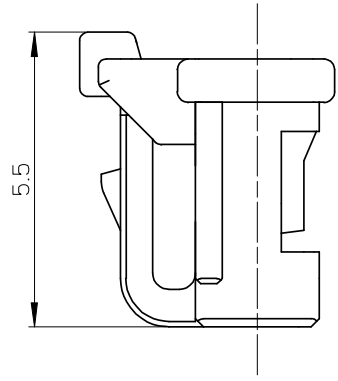
A



VIEW "D"



VIEW D



NOTES.

- 適合ターミナル : 501334-\*\*\*\*  
APPLICABLE TERMINAL : 501334-\*\*\*\*
- 嵌合相手 : 501331-\*\*\*\*  
MATE WITH : 501331-\*\*\*\*
- 偶数極に適用  
APPLY FOR EVEN CIRCUIT SIZE
- 2-5極は、SD-501330-001を参照下さい。  
REFER TO SD-501330-001 ABOUT 2-5CKT.
- ELV 及び RoHS適合品  
ELV AND RoHS COMPLIANT.
- 材質  
MATERIAL  
66ナイロン 66NYLON  
ガラス無充填 GLASS FILLED 0%  
UL94V-0

※対応可能な極数は、別途お問い合わせ下さい。

|      |      |      |              |      |                            |
|------|------|------|--------------|------|----------------------------|
| 14.0 | 15.4 | 16.7 | 501330-15**  | 15   | 501330-**0*<br>501330-**3* |
| 13.0 | 14.4 | 15.7 | 501330-14**  | 14   |                            |
| 12.0 | 13.4 | 14.7 | 501330-13**  | 13   |                            |
| 11.0 | 12.4 | 13.7 | 501330-12**  | 12   |                            |
| 10.0 | 11.4 | 12.7 | 501330-11**  | 11   |                            |
| 9.0  | 10.4 | 11.7 | 501330-10**  | 10   |                            |
| 8.0  | 9.4  | 10.7 | 501330-09**  | 9    |                            |
| 7.0  | 8.4  | 9.7  | 501330-08**  | 8    |                            |
| 6.0  | 7.4  | 8.7  | 501330-07**  | 7    |                            |
| 5.0  | 6.4  | 7.7  | 501330-06**  | 6    |                            |
| C    | B    | A    | MATERIAL NO. | CKT. | MODEL NO.                  |

|                                                                                                                         |                    |                                                            |       |                                                                                                                                  |  |                                                                          |                        |                           |  |  |
|-------------------------------------------------------------------------------------------------------------------------|--------------------|------------------------------------------------------------|-------|----------------------------------------------------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------|------------------------|---------------------------|--|--|
| REVISED<br>EC NO: J2008-2811<br>DRWN:NAKATA 2008/01/24<br>CHKD:HMATSUMOTO 2008/04/24<br>APPR:NUKITA 2008/04/25<br><br>D | DESCRIPTION<br>REV | GENERAL TOLERANCES (UNLESS SPECIFIED)                      |       | DIMENSION STYLE<br>MM ONLY                                                                                                       |  | SCALE<br>10:1                                                            | DESIGN UNITS<br>METRIC | THIRD ANGLE<br>PROJECTION |  |  |
|                                                                                                                         |                    | 10 UNDER                                                   | ±0.2  | DRAWN BY DATE<br>NYOSHIDA 2004/07/30                                                                                             |  | TITLE<br>1.0 WIRE TO BOARD CONN.<br>1-ROW RECEPTACLE HOUSING<br>6-15CKT. |                        |                           |  |  |
|                                                                                                                         |                    | 10 OVER 30 UNDER                                           | ±0.25 | CHECKED BY DATE<br>MYAGI 2004/07/30                                                                                              |  |                                                                          |                        |                           |  |  |
|                                                                                                                         |                    | 30 OVER                                                    | ±0.3  | APPROVED BY DATE<br>MIYAZAWA 2004/07/30                                                                                          |  | MOLEX MOLEX INCORPORATED                                                 |                        |                           |  |  |
|                                                                                                                         |                    | ANGULAR ±3 °                                               |       | MATERIAL NO.<br>SEE TABLE                                                                                                        |  |                                                                          |                        |                           |  |  |
|                                                                                                                         |                    | DRAFT WHERE APPLICABLE<br>MUST REMAIN<br>WITHIN DIMENSIONS |       | THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX<br>INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION |  |                                                                          |                        |                           |  |  |
|                                                                                                                         |                    |                                                            |       | SIZE<br>A3                                                                                                                       |  |                                                                          |                        |                           |  |  |

