

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [501189-5010](#)
Status: **Active**
Overview: [Pico-Clasp™ Single and Dual Row Wire-to-Board Connectors](#)
Description: 1.00mm Pitch Pico-Clasp™ Wire-to-Board Receptacle Housing, Dual Row, 50 Circuits

Documents:

| | |
|---|--|
| 3D Model | Product Specification PS-501571-001 (PDF) |
| Drawing (PDF) | Packaging Specification SPK-501189-001 (PDF) |
| Product Specification PS-501190-001 (PDF) | RoHS Certificate of Compliance (PDF) |

Agency Certification

UL E29179

General

| | |
|----------------|--|
| Product Family | Crimp Housings |
| Series | 501189 |
| Application | Signal, Wire-to-Board |
| Overview | Pico-Clasp™ Single and Dual Row Wire-to-Board Connectors |
| Product Name | Pico-Clasp™ |
| UPC | 822348789740 |

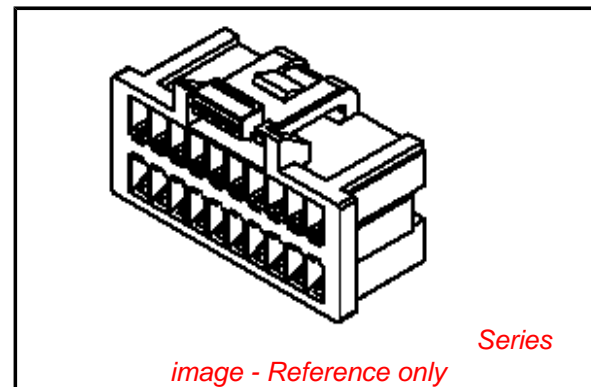
Physical

| | |
|-------------------------------|----------------|
| Breakaway | No |
| Circuits (maximum) | 50 |
| Color - Resin | White |
| Flammability | 94V-0 |
| Gender | Receptacle |
| Glow-Wire Compliant | No |
| Lock to Mating Part | Yes |
| Material - Resin | Nylon |
| Net Weight | 315.800/mg |
| Number of Rows | 2 |
| Packaging Type | Bag |
| Panel Mount | No |
| Pitch - Mating Interface | 1.00mm |
| Polarized to Mating Part | Yes |
| Stackable | No |
| Temperature Range - Operating | -40°C to +85°C |

Material Info

Reference - Drawing Numbers

| | |
|-------------------------|--|
| Packaging Specification | SPK-501189-001 |
| Product Specification | PS-501190-001, PS-501571-001, RPS-501190-001, RPS-501190-010, RPS-501190-011, RPS-501190-012, RPS-501331-001, RPS-501571-006, RPS-501571-007, RPS-501571-008, RPS-501571-009 |
| Sales Drawing | SD-501189-002 |



EU RoHS

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

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

[501189Series](#)

Mates With

[501190 PCB Header Vertical](#) . [501571 PCB Header Right Angle](#)

Use With

[501193 Crimp Terminal](#)