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Part Number: [501190-4027](#)
Status: **Active**
Overview: [Pico-Clasp™](#)
Description: 1.00mm Pitch Pico-Clasp™ Wire-to-Board PCB Header, Dual Row, Vertical, 40 Circuits, Lead-Free, without Pick-and-Place Tape

Documents:

[3D Model](#) [Product Specification PS-501190-004 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-501190-001 \(PDF\)](#)

General

| | |
|----------------|-----------------------------|
| Product Family | PCB Headers |
| Series | 501190 |
| Application | Signal, Wire-to-Board |
| Comments | Without Pick-and-Place Tape |
| Overview | Pico-Clasp™ |
| Product Name | Pico-Clasp™ |
| UPC | 822350003629 |

Physical

| | |
|--------------------------------|-----------------------|
| Breakaway | No |
| Circuits (Loaded) | 40 |
| Circuits (maximum) | 40 |
| Color - Resin | Natural |
| Durability (mating cycles max) | 30 |
| Glow-Wire Compliant | No |
| Lock to Mating Part | Yes |
| Material - Metal | Phosphor Bronze |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Gold |
| Material - Resin | Nylon |
| Net Weight | 532.100/mg |
| Number of Rows | 2 |
| Orientation | Vertical |
| PCB Locator | No |
| PCB Retention | Yes |
| Packaging Type | Embossed Tape on Reel |
| Pitch - Mating Interface | 1.00mm |
| Polarized to Mating Part | Yes |
| Polarized to PCB | Yes |
| Robotic Placement | Vacuum Pick-Up Tape |
| Stackable | No |
| Temperature Range - Operating | -40°C to +85°C |
| Termination Interface: Style | Surface Mount |

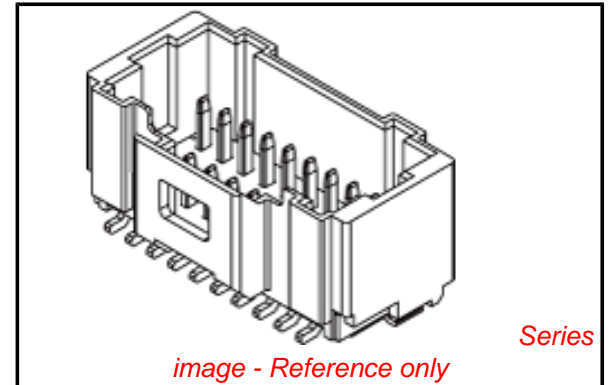
Electrical

| | |
|-------------------------------|-----|
| Current - Maximum per Contact | 1A |
| Voltage - Maximum | 50V |

Material Info

Reference - Drawing Numbers

| | |
|-----------------------|--|
| Product Specification | PS-501190-001, PS-501190-004, RPS-501190-001, RPS-501190-008, RPS-501190-010, RPS-501190-011, RPS-501331-001 |
| Sales Drawing | SD-501190-003, SD-501190-004 |



EU RoHS

ELV and RoHS Compliant

REACH SVHC

Not Reviewed

Low-Halogen Status

Not 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

[501190Series](#)

Mates With

[501189 Pico-Clasp™ Wire-to-Board Female Housing](#)

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