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**Part Number:** [5011905027](#)  
**Status:** **Active**  
**Overview:** picoclasp  
**Description:** 1.00mm (.039") Pitch Pico-Clasp™ Wire-to-Board PCB Header, Dual Row, Vertical, 50 Circuits, Lead-free, without Pick-and-Place Tape

**Documents:**

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

**General**

Product Family	PCB Headers
Series	501190
Application	Signal, Wire-to-Board
Comments	without Pick-and-Place Tape
Overview	<a href="#">picoclasp</a>
Product Name	Pico-Clasp™

**Physical**

Breakaway	No
Circuits (Loaded)	50
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
Number of Rows	2
Orientation	Vertical
PCB Locator	No
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	1.00mm (.039")
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**

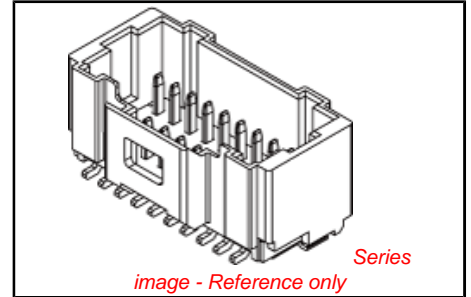
Current - Maximum per Contact	1A
Voltage - Maximum	50V

**Material Info**

Country of Origin	JP
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**Reference - Drawing Numbers**

Packaging Specification	SPK-501190-001
Product Specification	PS-501190-001, 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 Reviewed

**China RoHS**



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 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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