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Part Number: **501190-4017**
Status: **Active**
Overview: Pico-Clasp™
Description: 1.00mm Pitch Pico-Clasp™ Wire-to-Board PCB Header, Dual Row, Vertical, 40 Circuits, Lead-Free, with Pick-and-Place Tape

Documents:

3D Model	Product Specification PS-501190-003 (PDF)
Drawing (PDF)	Product Specification PS-501190-004 (PDF)
Product Specification PS-501190-001 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

UL E29179

General

Product Family	PCB Headers
Series	<u>501190</u>
Application	Signal, Wire-to-Board
Overview	<u>Pico-Clasp™</u>
Product Name	Pico-Clasp™
UPC	822348790180

Physical

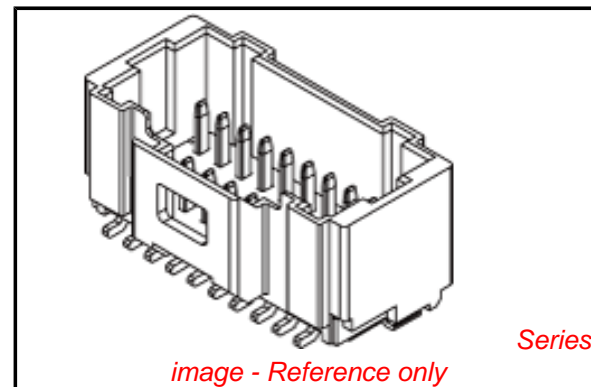
Breakaway	No
Circuits (Loaded)	40
Circuits (maximum)	40
Color - Resin	Natural
Durability (mating cycles max)	30
Flammability	94V-0
Glow-Wire Compliant	No
Lock to Mating Part	Yes
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	Nylon
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



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

Product Specification

PS-501190-001, PS-501190-003, PS-501190-004,
RPS-501190-001, RPS-501190-005, RPS-501190-008,
RPS-501190-010, RPS-501190-011, RPS-501190-012,
RPS-501331-001

Sales Drawing

SD-501190-003, SD-501190-004

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