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Part Number: [501190-2017](#)
Status: **Active**
Overview: Pico-Clasp™ Single and Dual Row Wire-to-Board Connectors
Description: 1.00mm Pitch Pico-Clasp™ Wire-to-Board PCB Header, Dual Row, Vertical, 20 Circuits, 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	501190
Application	Signal, Wire-to-Board
Overview	Pico-Clasp™ Single and Dual Row Wire-to-Board Connectors
Product Name	Pico-Clasp™
UPC	822348790203

Physical

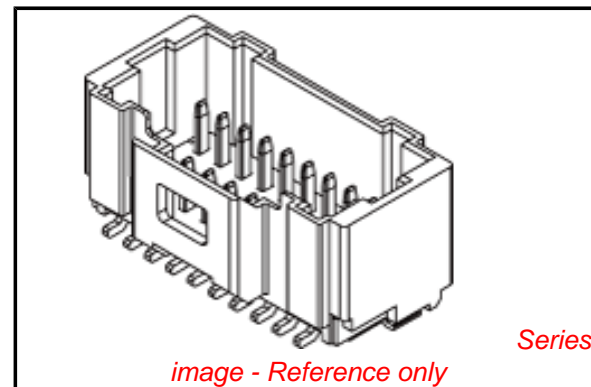
Breakaway	No
Circuits (Loaded)	20
Circuits (maximum)	20
Color - Resin	Natural
Durability (mating cycles max)	30
Flammability	94V-0
Glow-Wire Compliant	No
Lock to Mating Part	Yes
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	Nylon
Net Weight	315.600/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 Contains SVHC: No
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-501190-007,
RPS-501190-008, RPS-501190-010, RPS-501190-011,
RPS-501190-012, RPS-501190-013, RPS-501331-001
SD-501190-003, SD-501190-004

Sales Drawing

This document was generated on 02/02/2015

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