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Part Number: [5011904017](#)
Status: **Active**
Overview: Pico-Clasp Wire-to-Board Connectors
Description: 1.00mm Pitch Pico-Clasp Wire-to-Board Header, Surface Mount, Dual Row, Vertical, 0.10µm Gold Plated, with Inner Positive Lock, with Pick-and-Place Tape, 40 Circuits

Documents:

3D Model	Application Specification 5011890000-A00 (PDF)
Drawing (PDF)	Application Specification 5011890000-A01 (PDF)
Product Specification PS-501190-001-001 (PDF)	Packaging Specification SPK-501190-001-001 (PDF)
Product Specification PS-501190-003-001 (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification PS-501190-004-001 (PDF)	

Agency Certification

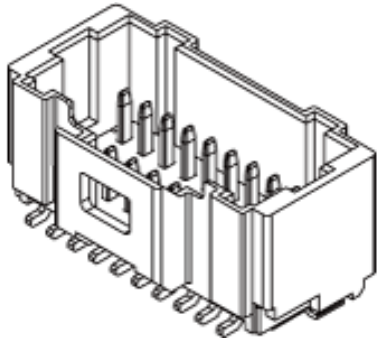
UL E29179

General

Product Family	PCB Headers
Series	501190
Application	Signal, Wire-to-Board
Comments	With Pick-and-Place Tape
Data Load Status	Post Go-Live Rev. Not Verified
Made From	5011904028, 5011911108, 5011920108, 5011921108
Overview	Pico-Clasp Wire-to-Board Connectors
Product Name	Pico-Clasp
UPC	822348790180

Physical

Breakaway	No
Circuits (Loaded)	40
Circuits (maximum)	40
Color - Resin	Natural
Durability (mating cycles max)	30
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	None
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
Plating min - Mating	0.102µm
Plating min - Termination	0.102µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Robotic Placement	Vacuum Pick-Up Tape
Stackable	No
Temperature Range - Operating	-40°C to +105°C



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
-ED/01/2018 (15
January 2018)

Halogen-Free

Status

Not Low-Halogen

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environmental compliance?**

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non-product compliance questions.

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

[501190](#) Series

Mates With

Pico-Clasp Female Housing [501189](#)

Termination Interface: Style	Surface Mount
Electrical	
Current - Maximum per Contact	1.0A
Voltage - Maximum	50V AC (RMS)/DC
Material Info	
Reference - Drawing Numbers	
Application Specification	5011890000-A00, 5011890000-A01
Packaging Specification	SPK-501190-001-001
Product Specification	PS-501190-001-001, PS-501190-003-001, PS-501190-004-001
Sales Drawing	SD-501190-003, SD-501190-004

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