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Part Number: [5011904027](#)
Status: **Active**
Overview: Pico-Clasp Wire-to-Board Connectors
Description: 1.00mm Pitch, Pico-Clasp PCB Header, Dual Row, Vertical, Surface Mount, 0.10µm Gold Plated, with Inner Positive Lock, 40 Circuits

Documents:
[3D Model](#) [Application Specification 5011890000-AS-000 \(PDF\)](#)
[Drawing \(PDF\)](#) [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
CURRENT-MAX-NUMERIC	1.0
Comments	Without Pick-and-Place Tape, Without Pick-and-Place Tape
Overview	Pico-Clasp Wire-to-Board Connectors
PITCH-MATING-NUMERIC	1.00
Product Name	Pico-Clasp
UPC	822350003629
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
Stackable	No
Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Surface Mount



Series image - Reference only

EU ELV Not Relevant	
EU RoHS Compliant REACH SVHC Not Contained Per - ED/71/2019 (16 July 2019) Halogen-Free Status Not Low-Halogen For more information, please visit Contact US	China RoHS China ROHS ELV RoHS Phthalates
	Green Image Not Relevant Not Contained

Search Parts in this Series
[501190 Series](#)

Mates With
Pico-Clasp Female Housing [501189](#)

Electrical

Current - Maximum per Contact	1.0A
Voltage - Maximum	50V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Application Specification	5011890000-AS-000
Product Specification	PS-501190-004-001
Sales Drawing	SD-501190-003-001, SD-501190-003-002, SD-501190-004-001, SD-501190-004-002, SD-501190-004-003

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