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Part Number: [5011902027](#)
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, Inner Positive Lock, 20 Circuits

Documents:

3D Model (PDF)	Product Specification PS-501190-004-001 (PDF)
Drawing (PDF)	Application Specification 5011890000-AS-000 (PDF)
3D Model	RoHS Certificate of Compliance (PDF)

Agency Certification

UL E29179

General

Product Family	PCB Headers
Series	501190
Application	Signal, Wire-to-Board
Comments	Without Pick-and-Place Tape
Overview	Pico-Clasp Wire-to-Board Connectors
Product Name	Pico-Clasp
UPC	822350003643

Physical

Breakaway	No
Circuits (Loaded)	20
Circuits (maximum)	20
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	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
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

Electrical

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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2021)4569-DC (8
July 2021)

Halogen-Free

Status

Not Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[501190 Series](#)

Mates With

[Pico-Clasp Female Housing 501189](#)

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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