

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [5011905017](#)
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, 50 Circuits

Documents:

Drawing (PDF)	Product Specification PS-501190-004-001 (PDF)
3D Model (PDF)	Application Specification 5011890000-AS-000 (PDF)
3D Model	Packaging Specification SPK-501190-001-001 (PDF)
Product Specification 5011890000-PS-001 (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification PS-501190-003-001 (PDF)	

Agency Certification

UL E29179

General

Product Family	PCB Headers
Series	501190
Application	Signal, Wire-to-Board
Comments	With Pick-and-Place Tape
Overview	Pico-Clasp Wire-to-Board Connectors
Product Name	Pico-Clasp
UPC	822348790166

Physical

Breakaway	No
Circuits (Loaded)	50
Circuits (maximum)	50
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	640.300/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
Shrouded	Fully
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 -
D(2020)4578-DC (25
June 2020)

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](#)

Electrical

Current - Maximum per Contact
Voltage - Maximum

1.0A
50V AC (RMS)/DC

Material Info**Reference - Drawing Numbers**

Application Specification
Packaging Specification
Product Specification

5011890000-AS-000
SPK-501190-001-001
5011890000-PS-001, PS-501190-003-001,
PS-501190-004-001

Sales Drawing

5011900000-SD-000, SD-501190-003-001,
SD-501190-003-002, SD-501190-004-001,
SD-501190-004-002, SD-501190-004-003

This document was generated on 07/27/2020

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION