

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [5015680507](#)
Status: **Active**
Overview: Pico-Clasp Wire-to-Board Connectors
Description: 1.00mm Pitch, Pico-Clasp PCB Header, Single Row, Right-Angle, Surface Mount, Tin Plated, Friction Lock, 5 Circuits, Natural

Documents:

3D Model (PDF)	Product Specification 5013301000-PS-003 (PDF)
Drawing (PDF)	Product Specification 5013301000-PS-004 (PDF)
3D Model	Application Specification 5013300000-AS-000 (PDF)
Product Specification 5013300000-PS-001 (PDF)	Packaging Specification SPK-501568-001-001 (PDF)
Product Specification 5013301000-PS-001 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

UL E29179

General

Product Family	PCB Headers
Series	501568
Application	Signal, Wire-to-Board
Overview	Pico-Clasp Wire-to-Board Connectors
Product Name	Pico-Clasp
UPC	822348871810

Physical

Breakaway	No
Circuits (Loaded)	5
Circuits (maximum)	5
Color - Resin	Natural
Durability (mating cycles max)	30
First Mate / Last Break	No
Glow-Wire Capable	No
Lock to Mating Part	Yes
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Nylon
Net Weight	124.800/mg
Number of Rows	1
Orientation	Right Angle
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	No
Shrouded	Fully
Stackable	No
Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Surface Mount

Electrical

Current - Maximum per Contact	1.5A
Voltage - Maximum	100V AC (RMS)/DC

Material Info

Reference - Drawing Numbers



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

[501568](#) Series

Mates With

[501330](#) Pico-Clasp Wire-to-Board Female Housing

Application Specification
Packaging Specification
Product Specification

Sales Drawing

5013300000-AS-000
SPK-501568-001-001
5013300000-PS-001, 5013301000-PS-001,
5013301000-PS-003, 5013301000-PS-004
5015680000-SD-000

This document was generated on 01/24/2022

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[501568-0507](#)