

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [5015680707](#)

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, with Inner Positive Lock, 7 Circuits

Documents:

[Drawing \(PDF\)](#)

[3D Model](#)

[Product Specification 5013300000-PS-001 \(PDF\)](#)

[Product Specification PS-501568-001-001 \(PDF\)](#)

[Application Specification 5013300000-AS-000 \(PDF\)](#)

[Packaging Specification SPK-501568-001-001 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

UL E29179

General

Product Family	PCB Headers
Series	501568
3D Viewer	Yes
Application	Signal, Wire-to-Board
CURRENT-MAX-NUMERIC	1.0
Overview	Pico-Clasp Wire-to-Board Connectors
PITCH-MATING-NUMERIC	1.00
Product Name	Pico-Clasp
UPC	822348871834

Physical

Breakaway	No
Circuits (Loaded)	7
Circuits (maximum)	7
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	167.300/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	1.0A
Voltage - Maximum	50V AC (RMS)/DC

Material Info



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
-ED/88/2018 (15
January 2019)

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

Reference - Drawing Numbers

Application Specification

5013300000-AS-000

Packaging Specification

SPK-501568-001-001

Product Specification

5013300000-PS-001, PS-501568-001-001

Sales Drawing

5015680000-SD-000

This document was generated on 10/23/2019

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

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

[Molex:](#)

[501568-0707](#)