

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [5044490507](#)

Status: **Active**

Overview: [Pico-Clasp Wire-to-Board Connectors](#)

Description: 1.00mm Pitch, Pico-Clasp PCB Header, Single Row, Vertical, Surface Mount, 0.10µm Gold Plated, with Inner Friction Lock, 5 Circuits, Natural

Documents:

| | |
|---|---|
| 3D Model | Product Specification 5013301000-PS-002 (PDF) |
| 3D Model (PDF) | Application Specification 5013300000-AS-000 (PDF) |
| Drawing (PDF) | Packaging Specification SPK-504449-001-001 (PDF) |
| Product Specification 5013300000-PS-002 (PDF) | RoHS Certificate of Compliance (PDF) |



Series image - Reference only

General

| | |
|----------------|---|
| Product Family | PCB Headers |
| Series | 504449 |
| Application | Signal, Wire-to-Board |
| Overview | Pico-Clasp Wire-to-Board Connectors |
| Product Name | Pico-Clasp |
| UPC | 887191268187 |

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 |
| 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 | Polyamide |
| Net Weight | 120.600/mg |
| Number of Rows | 1 |
| 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 | No |
| Robotic Placement | Vacuum Pick-Up Tape |
| Shrouded | Fully |
| Stackable | No |
| Temperature Range - Operating | -40° to +85°C |
| Termination Interface: Style | Surface Mount |

Electrical

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

Material Info

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

[504449 Series](#)

Mates With

[Pico-Clasp Female Housing 501330](#)

Reference - Drawing Numbers

| | |
|---------------------------|--------------------------------------|
| Application Specification | 5013300000-AS-000 |
| Packaging Specification | SPK-504449-001-001 |
| Product Specification | 5013300000-PS-002, 5013301000-PS-002 |
| Sales Drawing | 5044490000-SD-000 |

This document was generated on 10/28/2020

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION