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**Part Number:** 5015681107

**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, Inner Positive Lock, 11 Circuits, Natural



*Series image - Reference only*

**Documents:**

3D Model (PDF)
3D Model
Drawing (PDF)
2D Drawing (DXF)
2D Drawing DXF (PDF)
Product Specification 5013300000-PS-001 (PDF)
Product Specification 5013301000-PS-001 (PDF)
Application Specification 5013300000-AS-000 (PDF)
Packaging Specification SPK-501568-001-001 (PDF)
Datasheet (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 |
| Taxonomy | PCB Headers and Receptacles |
| UPC | 822348871872 |

**Physical**

| | |
|---|---|
| Breakaway | No |
| Circuits (Loaded) | 11 |
| Circuits (maximum) | 11 |
| 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 | 228.400/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 | 100V AC (RMS)/DC |

**Material Info**

**EU ELV**
**Not Relevant**

**EU RoHS** | **China RoHS**
**Compliant**

**REACH SVHC**
Not Contained Per - D(2022)4187-DC (10 June 2022)

**Halogen-Free Status**
**Not Low-Halogen**

For more information, please visit Contact US

| | |
|---|---|
| China ROHS | Green Image |
| ELV | Not Relevant |
| RoHS Phthalates | 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, 5013301000-PS-001 |
| Sales Drawing | 5015680000-SD-000 |

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