



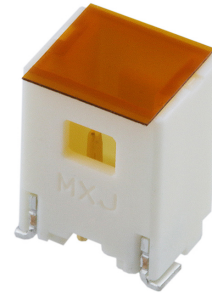
Part Number : [5044490307](#)

Product Description : 1.00mm Pitch, Pico-Clasp PCB Header, Single Row, Vertical, Surface Mount, 0.10µm Gold Plated, Friction Lock, 3 Circuits, Natural

Series Number : 504449

Status : Active

Product Category : PCB Headers and Receptacles



Documents & Resources

Drawings

[5044490307_sd.pdf](#)

3D Models and Design Files

[5044490307.dxf](#)

[5044490307.pdf](#)

[5044490307_stp.zip](#)

Specifications

[5013300000-AS-000.pdf](#)

[SPK-504449-001-001.pdf](#)

[5013300000-PS-002.pdf](#)

[5013301000-PS-002.pdf](#)

[5013301000-PS-CHI-002.pdf](#)

[5013301000-PS-JAP-002.pdf](#)

Product Environment Compliance

Compliance

| | |
|--------------------|--|
| GADSL/IMDS | Compliant with Exemption 44; 33 |
| China RoHS | |
| EU ELV | Not Relevant |
| Low-Halogen Status | Not Low-Halogen per IEC 61249-2-21 |
| REACH SVHC | Not Contained per D(2024)6225-DC (07 Nov 2024) |
| EU RoHS | Compliant per EU 2015/863 |

Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

EU RoHS Certificate of Compliance

Part Details

General

| | |
|----------------|--|
| Status | Active |
| Category | PCB Headers and Receptacles |
| Series | 504449 |
| Description | 1.00mm Pitch, Pico-Clasp PCB Header, Single Row, Vertical, Surface Mount, 0.10µm Gold Plated, Friction Lock, 3 Circuits, Natural |
| Application | Signal, Wire-to-Board |
| Component Type | PCB Header |
| Product Name | Pico-Clasp |
| UPC | 887191268200 |

Electrical

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

Physical

| | |
|--------------------------------|---------|
| Breakaway | No |
| Circuits (Loaded) | 3 |
| Circuits (maximum) | 3 |
| 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 |
| Number of Rows | 1 |
| Orientation | Vertical |
| Packaging Type | Embossed Tape on Reel |
| PCB Locator | No |
| PCB Retention | Yes |
| 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 |

Mates With / Use With

Mates with Part(s)

| Description | Part Number |
|---|---------------|
| Pico-Clasp Low-Halogen Single Row Receptacle Housings | <u>501330</u> |