



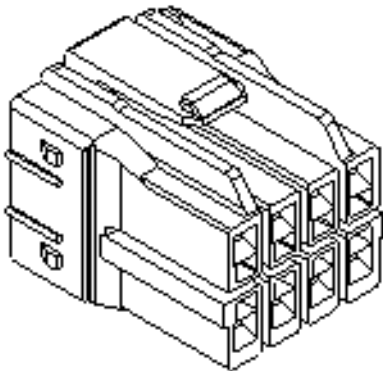
Part Number : [513470800](#)

Product Description : 1.00mm Pitch, Pico-Clasp Low-Halogen PCB Header, Dual Row, Right-Angle, Surface Mount, 0.10µm Gold Plated, Inner Positive Lock, 40 Circuits, Natural

Series Number : 208393

Status : Active

Product Category : PCB Headers and Receptacles



Documents & Resources

Drawings

[Drawing 2083934007_sd.pdf](#)

3D Models and Design Files

[2D Drawing DXF 2083934007.dxf](#)

[2D Drawing DXF \(PDF\) 2083934007.pdf](#)

[3D Model 2083934007_stp.zip](#)

Specifications

[Application Specification 5011890000-AS-001.pdf](#)


[Packaging Specification 2083939200-SPK-200.pdf](#)

[Product Specification 5011890000-PS-002.pdf](#)

[Product Specification 5011891000-PS-002.pdf](#)

Product Environment Compliance

Compliance

| | |
|--------------------|---|
| GADSL/IMDS | Compliant with Exemption 44; 33 |
| China RoHS |  |
| EU ELV | Not Relevant |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21 |
| REACH SVHC | Not Contained per D(2024)4144-DC (27 June 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 | 208393 |
| Description | 1.00mm Pitch, Pico-Clasp Low-Halogen PCB Header, Dual Row, Right-Angle, Surface Mount, 0.10µm Gold Plated, Inner Positive Lock, 40 Circuits, Natural |
| Application | Signal, Wire-to-Board |
| Component Type | PCB Header |
| Product Family | Pico-Clasp Wire-to-Board Connectors |
| Product Name | Pico-Clasp |
| UPC | 193264194391 |

Electrical

| | |
|-------------------------------|------------------|
| Current - Maximum per Contact | 1.0A |
| Voltage - Maximum | 100V AC (RMS)/DC |

Physical

| | |
|--------------------------------|---------|
| Breakaway | No |
| Circuits (Loaded) | 40 |
| Circuits (maximum) | 40 |
| 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 | Nylon |
| Net Weight | 1084.000/mg |
| Number of Rows | 2 |
| Orientation | Right Angle |
| Packaging Type | Embossed Tape on Reel |
| PCB Locator | No |
| PCB Retention | Yes |
| Pitch - Mating Interface | 1.00mm |
| Pitch - Termination Interface | 1.00mm |
| Plating min - Mating | 0.102µm |
| Plating min - Termination | 0.102µm |
| Polarized to Mating Part | Yes |
| Polarized to PCB | Yes |
| Shrouded | Yes |
| Stackable | No |
| Temperature Range - Operating | -40° to +105°C |
| Termination Interface Style | Surface Mount |