

Part Number : 559320810

Series Number : 55932

Product Category : PCB Headers and Receptacles

Product Description : 2.00mm Pitch MicroClasp Wire-to-Board Header, Single Row, Vertical, 8 Circuits, with PCB Locator

Status : Active

Documents & Resources

Drawings

Drawing 559320810_sd.pdf

3D Models and Design Files

3D Model 559320810_stp.zip

Specifications

Application Specification 561340000-AS-000.pdf

Packaging Specification SPK-55932-001-001.pdf

Product Specification 513820000-PS-001.pdf

Product Specification PS-51382-004-001.pdf

Product Environment Compliance

Compliance

| | |
|--------------------|---------------------------------------------------------------------------------------|
| GADSL/IMDS | Not Relevant |
| China RoHS |  |
| EU ELV | Not Relevant |
| Low-Halogen Status | Not 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 | 55932 |
| Description | 2.00mm Pitch MicroClasp Wire-to-Board Header, Single Row, Vertical, 8 Circuits, with PCB Locator |
| Application | Signal, Wire-to-Board |
| Component Type | PCB Header |
| Product Family | MicroClasp Wire-to-Board System |
| Product Name | MicroClasp |
| UPC | 800756631721 |

Agency

| | |
|----|--------|
| UL | E29179 |
|----|--------|

Electrical

| | |
|-------------------------------|------------------|
| Current - Maximum per Contact | 3.0A |
| Voltage - Maximum | 250V AC (RMS)/DC |

Physical

| | |
|--------------------------------|---------|
| Breakaway | No |
| Circuits (Loaded) | 8 |
| Circuits (maximum) | 8 |
| 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 - Plating Mating | Tin |
| Material - Plating Termination | Tin |
| Material - Resin | Polyester |
| Net Weight | 777.300/mg |
| Number of Rows | 1 |
| Orientation | Vertical |
| Packaging Type | Tray |
| PC Tail Length | 3.20mm |
| PCB Locator | Yes |
| PCB Retention | Yes |
| PCB Thickness - Recommended | 1.60mm |
| Pitch - Mating Interface | 2.00mm |
| Shrouded | Fully |
| Stackable | No |
| Temperature Range - Operating | -40° to +105°C |
| Termination Interface Style | Through Hole |

Mates With / Use With

Mates with Part(s)

| Description | Part Number |
|---------------------------------------------------------------|--------------|
| MicroClasp Single Row Receptacle Housings | <u>51382</u> |
| MicroClasp-to-MicroClasp Off-the-Shelf (OTS) Cable Assemblies | <u>15136</u> |
