



Part Number : [559351030](#)

Product Description : 2.00mm Pitch MicroClasp Wire-to-Board Header, Single Row, Right Angle, 10 Circuits, without PCB Locator

Series Number : 55935

Status : Active

Product Category : PCB Headers and Receptacles



Documents & Resources

Drawings

[559351030_sd.pdf](#)

3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

[Symbol and Footprint \(Multi-Format\)](#)

[559351030.dxf](#)

Specifications

[561340000-AS-000.pdf](#)


[559359200-200.pdf](#)

[513820000-PS-001.pdf](#)

[PS-51382-004-001.pdf](#)

Product Environment Compliance

Compliance

| | |
|--------------------|--|
| GADSL/IMDS | Not Relevant |
| China RoHS |  per SJ/T 11365-2006 |
| EU ELV | Not Relevant |
| Low-Halogen Status | Not Low-Halogen per IEC 61249-2-21 |
| REACH SVHC | Not Contained per D(2025)4165-DC (25 June 2025) |

| | |
|---------|---------------------------|
| EU RoHS | Compliant per EU 2015/863 |
|---------|---------------------------|

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

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

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

Part Details

General

| | |
|----------------|---|
| Status | Active |
| Category | PCB Headers and Receptacles |
| Series | 55935 |
| Description | 2.00mm Pitch MicroClasp Wire-to-Board Header, Single Row, Right Angle, 10 Circuits, without PCB Locator |
| Application | Signal, Wire-to-Board |
| Component Type | PCB Header |
| Product Name | MicroClasp |
| UPC | 756054247563 |

Agency

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

Electrical

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

Physical

| | |
|--------------------------------|----------------|
| Breakaway | No |
| Circuits (Loaded) | 10 |
| Circuits (maximum) | 10 |
| Color - Resin | Natural |
| Durability (mating cycles max) | 30 |
| First Mate / Last Break | No |
| Flammability | 94V-0 |
| 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 | 981.000/mg |
| Number of Rows | 1 |
| Orientation | Right Angle |
| Packaging Type | Tray |
| PCB Locator | No |
| PCB Retention | Yes |
| PCB Thickness - Recommended | 1.60mm |
| PC Tail Length | 3.20mm |
| Pitch - Mating Interface | 2.00mm |
| Plating min - Termination | 1.000µm |
| 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 | <u>51382</u> |

| | |
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| Housings | |
|----------|--|

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