



**Part Number :** [559171410](#)  
**Product Description :** 2.00mm Pitch MicroClasp  
Wire-to-Board Header, Dual Row, Vertical, 14 Circuits,  
with PCB Locator  
**Series Number :** 55917  
**Status :** Active  
**Product Category :** PCB Headers and Receptacles



## Documents and Resources

### Drawings

[559171410 sd.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

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

### Specifications

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

[559179200-SPK-200.pdf](#)

[PS-51353-003-001.pdf](#)

[PS-51353-010-001.pdf](#)

## Product Environment Compliance

### Compliance

|                    |                                                                                                         |
|--------------------|---------------------------------------------------------------------------------------------------------|
| GADSL/IMDS         | Compliant with Exemption 44; 33                                                                         |
| 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)6375-DC (05 Nov 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

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## Part Details

### General

|                |                                                                                                 |
|----------------|-------------------------------------------------------------------------------------------------|
| Status         | Active                                                                                          |
| Category       | PCB Headers and Receptacles                                                                     |
| Series         | 55917                                                                                           |
| Description    | 2.00mm Pitch MicroClasp Wire-to-Board Header, Dual Row, Vertical, 14 Circuits, with PCB Locator |
| Application    | Signal, Wire-to-Board                                                                           |
| Component Type | PCB Header                                                                                      |
| Product Name   | MicroClasp                                                                                      |
| UPC            | 756054244272                                                                                    |

### Agency

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

### Electrical

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

### Physical

|           |    |
|-----------|----|
| Breakaway | No |
|-----------|----|

|                                |                |
|--------------------------------|----------------|
| Circuits (Loaded)              | 14             |
| Circuits (maximum)             | 14             |
| 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                     | 1158.400/mg    |
| Number of Rows                 | 2              |
| Orientation                    | Vertical       |
| Packaging Type                 | Tray           |
| PCB Locator                    | Yes            |
| PCB Retention                  | Yes            |
| PCB Thickness - Recommended    | 1.60mm         |
| PC Tail Length                 | 3.20mm         |
| Pitch - Mating Interface       | 2.00mm         |
| Shrouded                       | Fully          |
| Stackable                      | No             |
| Temperature Range - Operating  | -40° to +105°C |
| Termination Interface Style    | Through Hole   |

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## Mates With / Use With

### Mates with Part(s)

| Description                             | Part Number  |
|-----------------------------------------|--------------|
| MicroClasp Dual Row Receptacle Housings | <u>51353</u> |