



**Part Number :** [2035581407](#)  
**Product Description :** 1.00mm Pitch, Pico-Clasp PCB Header, Single Row, Right-Angle, Surface Mount, 0.38µm Gold Plated, Inner Positive Lock, 14 Circuits, Natural  
**Series Number :** 203558  
**Status :** Active  
**Product Category :** PCB Headers and Receptacles



## Documents and Resources

### Drawings

[2035581407 sd.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

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

[2035581407.dxf](#)

### Specifications

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

[2035589200-200.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 | 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)6375-DC (05 Nov 2025)<br>SCIP:16713a46-6685-4668-b435-a828d2027c63 |
| 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         | 203558                                                                                                                                     |
| Description    | 1.00mm Pitch, Pico-Clasp PCB Header, Single Row, Right-Angle, Surface Mount, 0.38µm Gold Plated, Inner Positive Lock, 14 Circuits, Natural |
| Application    | Signal, Wire-to-Board                                                                                                                      |
| Component Type | PCB Header                                                                                                                                 |
| Product Name   | Pico-Clasp                                                                                                                                 |
| UPC            | 191128156530                                                                                                                               |

**Electrical**

|                               |                  |
|-------------------------------|------------------|
| Current - Maximum per Contact | 1.0A             |
| Voltage - Maximum             | 100V 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                    |
| 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             |
| Net Weight                     | 193.110/mg            |
| Number of Rows                 | 1                     |
| Orientation                    | Right Angle           |
| Packaging Type                 | Embossed Tape on Reel |
| PCB Locator                    | No                    |
| PCB Retention                  | Yes                   |
| Pitch - Mating Interface       | 1.00mm                |
| Plating min - Mating           | 0.380µm               |
| Plating min - Termination      | 0.051µm               |
| Polarized to Mating Part       | Yes                   |
| Polarized to PCB               | Yes                   |
| Shrouded                       | Fully                 |
| Stackable                      | No                    |
| Temperature Range - Operating  | -40° to +105°C        |
| Termination Interface Style    | Surface Mount         |

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## Mates With / Use With

**Mates with Part(s)**

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

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