



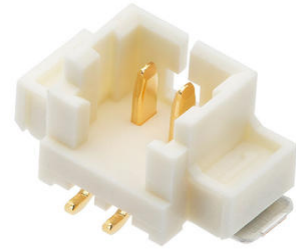
**Part Number :** [533984004](#)

**Product Description :** 1.25mm Pitch, PicoBlade PCB Header, Single Row, Vertical, Surface Mount, Gold Flash Plating, 4 Circuits, Tape and Reel

**Series Number :** 53398

**Status :** Active

**Product Category :** PCB Headers and Receptacles



---

## Documents & Resources

### Drawings

[533984004\\_sd.pdf](#)

### 3D Models and Design Files

[533984004.dxf](#)

[533984004\\_stp.zip](#)

### Specifications

[510210000-AS-000.pdf](#)

[SPK-53398-002-001.pdf](#)


[510210001-PS-000.pdf](#)

[510211001-PS-000.pdf](#)

---

## Product Environment Compliance

### Compliance

|                    |  |
|--------------------|--|
| GADSL/IMDS         | Compliant with Exemption 44; 33  |
| China RoHS         | <br>per SJ/T 11365-2006 |
| EU ELV             | Not Relevant   |
| Low-Halogen Status | Not Low-Halogen per IEC<br>61249-2-21  |
| REACH SVHC         | Not Contained per D(2024)7663-DC<br>(21 Jan 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         | 53398  |
| Description    | 1.25mm Pitch, PicoBlade PCB Header, Single Row, Vertical, Surface Mount, Gold Flash Plating, 4 Circuits, Tape and Reel |
| Application    | Signal, Wire-to-Board  |
| Component Type | PCB Header   |
| Product Name   | PicoBlade  |
| UPC            | 193264576760   |

### Agency

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

### Electrical

|                               |      |
|-------------------------------|------|
| Current - Maximum per Contact | 1.0A |
| Voltage - Maximum             | 125V |

### Physical

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

|                                |                       |
|--------------------------------|-----------------------|
| Circuits (Loaded)              | 4                     |
| Circuits (maximum)             | 4                     |
| 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                   |
| Mated Height                   | 5.70mm                |
| Material - Metal               | Phosphor Bronze       |
| Material - Plating Mating      | Gold                  |
| Material - Plating Termination | Tin                   |
| Material - Resin               | Polyamide             |
| Net Weight                     | 172.940/mg            |
| Number of Rows                 | 1                     |
| Orientation                    | Vertical              |
| Packaging Type                 | Embossed Tape on Reel |
| PCB Locator                    | No                    |
| PCB Retention                  | None                  |
| PC Tail Length                 | 0.60mm                |
| Pitch - Mating Interface       | 1.25mm                |
| Plating min - Termination      | 1.000µm               |
| Shrouded                       | Partial               |
| Stackable                      | No                    |
| Temperature Range - Operating  | -40° to +105°C        |
| Termination Interface Style    | Surface Mount         |

---

## Mates With / Use With

### Mates with Part(s)

| Description                              | Part Number  |
|--|--------------|
| PicoBlade Single Row Receptacle Housings | <u>51021</u> |

---

This document was generated on Jul 09, 2025