



Part Number : [532614010](#)

Product Description : 1.25mm Pitch, PicoBlade PCB Header, Single Row, Right-Angle, Surface Mount, Gold (Au) Flash Plating, Friction Lock, 10 Circuits, Natural, Tape and Reel

Series Number : 53261

Status : Active

Product Category : PCB Headers and Receptacles

Documents & Resources

Drawings

[Drawing 532614010_sd.pdf](#)

3D Models and Design Files

[2D Drawing DXF 532614010.dxf](#)

[2D Drawing DXF \(PDF\) 532614010.pdf](#)

[3D Model 532614010_stp.zip](#)

Specifications

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


[Packaging Specification SPK-53261-002-001.pdf](#)

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

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

Product Environment Compliance

Compliance

| | |
|--------------------|---|
| GADSL/IMDS | Compliant with Exemption 44; 33 |
| 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 | 53261 |
| Description | 1.25mm Pitch, PicoBlade PCB Header, Single Row, Right-Angle, Surface Mount, Gold (Au) Flash Plating, Friction Lock, 10 Circuits, Natural, Tape and Reel |
| Application | Signal, Wire-to-Board |
| Component Type | PCB Header |
| Product Family | PicoBlade Connector System |
| Product Name | PicoBlade |
| UPC | 193264576548 |

Agency

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

Electrical

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

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 |
| Mated Height | 3.40mm |
| Material - Metal | Phosphor Bronze |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Matte Tin |
| Material - Resin | Polyamide |
| Net Weight | 289.860/mg |
| Number of Rows | 1 |
| Orientation | Right Angle |
| Packaging Type | Embossed Tape on Reel |
| PCB Locator | No |
| PCB Retention | None |
| Pitch - Mating Interface | 1.25mm |
| Plating min - Mating | Flash |
| Plating min - Termination | Flash |
| Shrouded | Fully |
| 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> |
