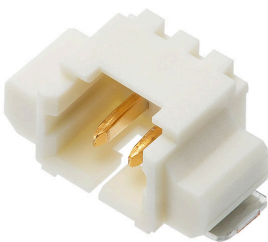




**Part Number :** [532614004](#)  
**Product Description :** 1.25mm Pitch,  
PicoBlade PCB Header, Single Row, Right-  
Angle, Surface Mount, Gold (Au) Flash Plating,  
Friction Lock, 4 Circuits, Natural, Tape and  
Reel  
**Series Number :** 53261  
**Status :** Active  
**Product Category :** PCB Headers and  
Receptacles



## Documents & Resources

**Drawings**  
[532614004\\_sd.pdf](#)

**3D Models and Design Files**  
[532614004.dxf](#)  
[532614004.pdf](#)  
[532614004\\_stp.zip](#)

**Specifications**  
[510210000-AS-000.pdf](#)  
[SPK-53261-002-001.pdf](#)  
[510210001-PS-000.pdf](#)  
[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

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## 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, 4 Circuits, Natural, Tape and Reel |
| Application    | Signal, Wire-to-Board                                                                                                                                  |
| Component Type | PCB Header                                                                                                                                             |
| Product Name   | PicoBlade                                                                                                                                              |
| UPC            | 193264576388                                                                                                                                           |

### 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                   | 3.40mm                |
| Material - Metal               | Phosphor Bronze       |
| Material - Plating Mating      | Gold                  |
| Material - Plating Termination | Matte Tin             |
| Material - Resin               | Polyamide             |
| Net Weight                     | 163.320/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         |

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## Mates With / Use With

### Mates with Part(s)

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