



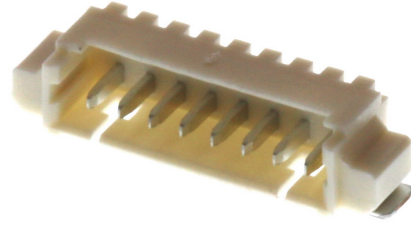
**Part Number :** [532611171](#)

**Product Description :** 1.25mm Pitch, PicoBlade PCB Header, Single Row, Right-Angle, Surface Mount, Tin (Sn) Plating, Friction Lock, 11 Circuits, Natural, Tape and Reel

**Series Number :** 53261

**Status :** Active

**Product Category :** PCB Headers and Receptacles



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## Documents & Resources

### Drawings

[532611171\\_sd.pdf](#)

### 3D Models and Design Files

[532611171.dxf](#)

[532611171.pdf](#)

[532611171\\_stp.zip](#)

### Specifications

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

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

[510211024-PS-000.pdf](#)

[510211124-PS-000.pdf](#)

[PS-51021-024-001.pdf](#)

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## Product Environment Compliance

### Compliance

|                    |   |
|--------------------|---|
| GADSL/IMDS         | Not Relevant                                    |
| 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, Tin (Sn) Plating, Friction Lock, 11 Circuits, Natural, Tape and Reel |
| Application    | Signal, Wire-to-Board  |
| Component Type | PCB Header   |
| Product Name   | PicoBlade  |
| UPC            | 822348164240   |

#### Agency

|     |         |
|-----|---------|
| CSA | LR19980 |
| UL  | E29179  |

#### Electrical

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

#### Physical

|                   |    |
|-------------------|----|
| Breakaway         | No |
| Circuits (Loaded) | 11 |

|                                |                       |
|--------------------------------|-----------------------|
| Circuits (maximum)             | 11                    |
| Color - Resin                  | Natural               |
| Durability (mating cycles max) | 30                    |
| First Mate / Last Break        | No                    |
| Flammability                   | 94V-0                 |
| Glow-Wire Capable              | No                    |
| Guide to Mating Part           | Yes                   |
| Keying to Mating Part          | None                  |
| Lock to Mating Part            | Yes                   |
| Mated Height                   | 3.40mm                |
| Material - Metal               | Phosphor Bronze       |
| Material - Plating Mating      | Tin                   |
| Material - Plating Termination | Tin                   |
| Material - Resin               | Polyamide             |
| Net Weight                     | 299.100/mg            |
| Number of Rows                 | 1                     |
| Orientation                    | Right Angle           |
| Packaging Type                 | Embossed Tape on Reel |
| PCB Locator                    | No                    |
| PCB Retention                  | Yes                   |
| Pitch - Mating Interface       | 1.25mm                |
| Plating min - Mating           | 1.016µm               |
| Plating min - Termination      | 1.016µm               |
| 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  |
|--|--------------|
| PicoBlade Single Row Receptacle Housings | <u>51021</u> |

|   |              |
|---|--------------|
| PicoBlade Female-to-PicoBlade<br>Female Off-the-Shelf (OTS) Cable<br>Assemblies | <u>15134</u> |
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