



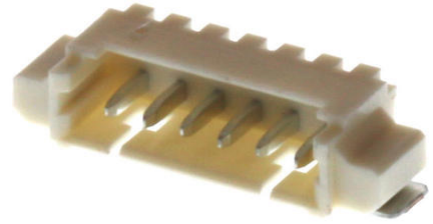
Part Number : [532610671](#)

Product Description : 1.25mm Pitch, PicoBlade PCB Header, Single Row, Right-Angle, Surface Mount, Tin (Sn) Plating, Friction Lock, 6 Circuits, Natural, Tape and Reel

Series Number : 53261

Status : Active

Product Category : PCB Headers and Receptacles



Documents and Resources

Drawings

[532610671_sd.pdf](#)

3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

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

[532610671.dxf](#)

Specifications

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

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


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

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

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

Product Environment Compliance

Compliance

| | |
|--------------------|---------------------------------------------------------------------------------------------------------|
| GADSL/IMDS | Compliant with Exemption 44; 33 |
| China RoHS |  per SJ/T 11365-2006 |
| EU ELV | Compliant per 2000/53/EC |
| Low-Halogen Status | Not Low-Halogen per IEC 61249-2-21 |

| | |
|------------|------------------------------------------------|
| REACH SVHC | Not Contained per D(2025)7771-DC (04 Feb 2026) |
| 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 | 53261 |
| Description | 1.25mm Pitch, PicoBlade PCB Header, Single Row, Right-Angle, Surface Mount, Tin (Sn) Plating, Friction Lock, 6 Circuits, Natural, Tape and Reel |
| Application | Signal, Wire-to-Board |
| Component Type | PCB Header |
| Product Name | PicoBlade |
| UPC | 822348161096 |

Agency

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

Electrical

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

Physical

| | |
|--------------------------------|-----------------------|
| Breakaway | No |
| Circuits (Loaded) | 6 |
| Circuits (maximum) | 6 |
| 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 | 198.800/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 |

Solder Process Data

| | |
|------------------------------|--------|
| Lead-Free Process Capability | REFLOW |
| Max-Cycle | 2 |
| Max-Temp | 250 |

Mates With / Use With

Mates with Part(s)

| Description | Part Number |
|---------------------------------------------------------------------------|--------------|
| PicoBlade Single Row Receptacle Housings | <u>51021</u> |
| PicoBlade Female-to-PicoBlade Female Off-the-Shelf (OTS) Cable Assemblies | <u>15134</u> |