



Part Number : [510470500](#)

Product Description : 1.25mm Pitch, PicoBlade Plug Crimp Housing, Single Row, Friction Lock, 5 Circuits, Natural

Series Number : 51047

Status : Active

Product Category : Connector Housings



Documents and Resources

Drawings

[510470500 sd.pdf](#)

3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

[510470500.dxf](#)

Specifications

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

[510479200-SPK-200.pdf](#)


[510211009-PS-000.pdf](#)

[510211109-PS-000.pdf](#)

[PS-51021-009-001.pdf](#)

Product Environment Compliance

Compliance

| | |
|--------------------|---|
| GADSL/IMDS | Not Relevant |
| China RoHS |  per SJ/T 11365-2006 |
| EU ELV | Not Relevant |
| 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 | Connector Housings |
| Series | 51047 |
| Description | 1.25mm Pitch, PicoBlade Plug Crimp Housing, Single Row, Friction Lock, 5 Circuits, Natural |
| Application | Wire-to-Wire |
| Component Type | Housing |
| Product Name | PicoBlade |
| UPC | 800753756182 |

Agency

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

Physical

| | |
|--------------------|---------|
| Circuits (maximum) | 5 |
| Color - Resin | Natural |
| Gender | Plug |

| | |
|-------------------------------|---------------|
| Glow-Wire Capable | No |
| Keying to Mating Part | No |
| Lock to Mating Part | Yes |
| Material - Resin | Polyester |
| Net Weight | 96.800/mg |
| Number of Rows | 1 |
| Packaging Type | Bag |
| Panel Mount | No |
| Pitch - Mating Interface | 1.25mm |
| Polarized to Mating Part | Yes |
| Stackable | No |
| Temperature Range - Operating | -40° to +85°C |

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> |

Use with Part(s)

| Description | Part Number |
|---|---------------|
| PicoBlade Male Crimp Terminals | <u>50125</u> |
| PicoBlade Male Crimp Terminals | <u>50133</u> |
| Pre-Crimped Lead PicoBlade Male-to-PicoBlade Male | <u>214922</u> |
| Pre-Crimped Lead PicoBlade Male-to-Pigtail | <u>214923</u> |

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