



**Part Number :** [510471000](#)

**Product Description :** 1.25mm Pitch, PicoBlade Plug Crimp Housing, Single Row, Friction Lock, 10 Circuits, Natural

**Series Number :** 51047

**Status :** Active

**Product Category :** Connector Housings



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## Documents & Resources

### Drawings

[510471000 sd.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

[510471000.dxf](#)

### Specifications

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

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

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


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

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

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## 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)4165-DC (25 June 2025)

EU RoHS	Compliant per EU 2015/863
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### 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, 10 Circuits, Natural
Application	Signal, Wire-to-Wire
Product Name	PicoBlade
UPC	800753756946

### Agency

UL	E29179
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### Physical

Circuits (maximum)	10
Color - Resin	Natural
Gender	Plug
Glow-Wire Capable	No

Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Resin	Polyester
Net Weight	171.100/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

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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 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>