



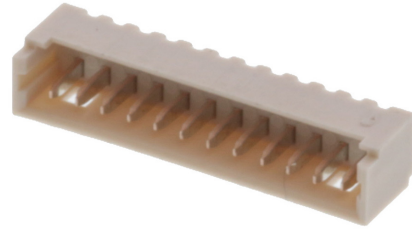
**Part Number :** [530471210](#)

**Product Description :** 1.25mm Pitch, PicoBlade PCB Header, Single Row, Vertical, Through Hole, Tin Plating, Friction Lock, 12 Circuits, Tray, 2.30mm PC Tail Length

**Series Number :** 53047

**Status :** Active

**Product Category :** PCB Headers and Receptacles



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## Documents & Resources

### Drawings

[Drawing 530471210\\_sd.pdf](#)

### 3D Models and Design Files

[2D Drawing DXF 530471210.dxf](#)

[2D Drawing DXF PDF 530471210.pdf](#)

[3D Model 530471210\\_stp.zip](#)

[3D Model PDF 530471210.pdf](#)

### Specifications

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

[Packaging Specification SPK-53047-001-001.pdf](#)


[Product Specification 510211010-PS-000.pdf](#)

[Product Specification 510211110-PS-000.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(2023)3788-DC (14 Jun 2023)
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	53047
Description	1.25mm Pitch, PicoBlade PCB Header, Single Row, Vertical, Through Hole, Tin Plating, Friction Lock, 12 Circuits, Tray, 2.30mm PC Tail Length
Application	Signal, Wire-to-Board
Component Type	PCB Header
Product Family	PicoBlade Connector System
Product Name	PicoBlade
UPC	800753750180

**Agency**

UL	E29179
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**Electrical**

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

**Physical**

Breakaway	No
Circuits (Loaded)	12

Circuits (maximum)	12
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	5.20mm
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Nylon
Net Weight	235.800/mg
Number of Rows	1
Orientation	Vertical
Packaging Type	Tray
PC Tail Length	2.30mm
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	0.80mm
Pitch - Mating Interface	1.25mm
Polarized to PCB	No
Shrouded	Fully
Stackable	No
Temperature Range - Operating	-40° to +85°C
Termination Interface Style	Through Hole

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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>
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