



Part Number : [533980471](#)

**Product Description :** 1.25mm Pitch, PicoBlade PCB Header, Single Row, Vertical, Surface Mount, Tin (Sn) Plating, Friction Lock, 4 Circuits, Tape and Reel, 0.60mm PC Tail Length

Series Number : 53398

Status : Active

Product Category : PCB Headers and Receptacles

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## Documents & Resources

### Drawings

[Drawing 533980471\\_sd.pdf](#)

### 3D Models and Design Files

[2D Drawing DXF 533980471.dxf](#)

[2D Drawing DXF \(PDF\) 533980471.pdf](#)

[3D Model 533980471\\_stp.zip](#)

### Specifications

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

[Packaging Specification SPK-53398-002-001.pdf](#)

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


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

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

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## Product Environment Compliance

### Compliance

GADSL/IMDS	Compliant with Exemption 44; 33
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	53398
Description	1.25mm Pitch, PicoBlade PCB Header, Single Row, Vertical, Surface Mount, Tin (Sn) Plating, Friction Lock, 4 Circuits, Tape and Reel, 0.60mm PC Tail Length
Application	Signal, Wire-to-Board
Component Type	PCB Header
Product Family	PicoBlade Connector System
Product Name	PicoBlade
UPC	822348164318

### Agency

UL	E29179
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### Electrical

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

### Physical

Breakaway	No
Circuits (Loaded)	4
Circuits (maximum)	4
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
Lock to Mating Part	Yes
Mated Height	5.70mm
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Nylon
Net Weight	170.080/mg
Number of Rows	1
Orientation	Vertical
Packaging Type	Embossed Tape on Reel
PC Tail Length	0.60mm
PCB Locator	No
PCB Retention	Yes
Pitch - Mating Interface	1.25mm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Partial
Stackable	No
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Surface Mount

#### Solder Process Data

Max-Duration	60
Lead-Free Process Capability	REFLOW
Max-Cycle	2
Max-Temp	250

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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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