



Part Number : [533981576](#)

Product Description : 1.25mm Pitch, PicoBlade PCB Header, Single Row, Vertical, Surface Mount, Tin-Copper Plating, Friction Lock, 15 Circuits, Tape and Reel, 0.60mm PC Tail Length, Black

Series Number : 53398

Status : Active

Product Category : PCB Headers and Receptacles

Documents & Resources

Drawings

[Drawing 533981576_sd.pdf](#)

3D Models and Design Files

[2D Drawing DXF 533981576.dxf](#)

[2D Drawing DXF \(PDF\) 533981576.pdf](#)

[3D Model 533981576_stp.zip](#)

Specifications

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

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

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 33
China RoHS	Not Relevant
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

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-Copper Plating, Friction Lock, 15 Circuits, Tape and Reel, 0.60mm PC Tail Length, Black
Application	Signal, Wire-to-Board
Component Type	PCB Header
Product Family	PicoBlade Connector System
Product Name	PicoBlade
UPC	822348202881

Agency

UL	E29179
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Electrical

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

Physical

Breakaway	No
Circuits (Loaded)	15
Circuits (maximum)	15
Color - Resin	Black
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	5.70mm
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	415.400/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
Plating min - Mating	1.016µm
Plating min - Termination	1.016µm
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

Mates With / Use With

Mates with Part(s)

Description	Part Number
PicoBlade Single Row Receptacle Housings	<u>51021</u>

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