



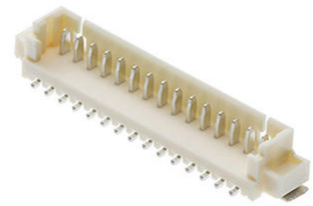
**Part Number :** [533980571](#)

**Product Description :** 1.25mm Pitch, PicoBlade PCB Header, Single Row, Vertical, Surface Mount, Tin (Sn) Plating, Friction Lock, 5 Circuits, Tape and Reel, 0.60mm PC Tail Length

**Series Number :** 53398

**Status :** Active

**Product Category :** PCB Headers and Receptacles



---

## Documents & Resources

### Drawings

[533980571\\_sd.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

[Symbol and Footprint \(Multi-Format\)](#)

[533980571.dxf](#)

### Specifications

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

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

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


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

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

---

## Product Environment Compliance

### Compliance

GADSL/IMDS	Compliant with Exemption 44; 33
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

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	PCB Headers and Receptacles
Series	53398
Description	1.25mm Pitch, PicoBlade PCB Header, Single Row, Vertical, Surface Mount, Tin (Sn) Plating, Friction Lock, 5 Circuits, Tape and Reel, 0.60mm PC Tail Length
Application	Signal, Wire-to-Board
Component Type	PCB Header
Product Name	PicoBlade
UPC	822348164325

**Agency**

UL	E29179
----	--------

**Electrical**

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

## Physical

Breakaway	No
Circuits (Loaded)	5
Circuits (maximum)	5
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	195.100/mg
Number of Rows	1
Orientation	Vertical
Packaging Type	Embossed Tape on Reel
PCB Locator	No
PCB Retention	Yes
PC Tail Length	0.60mm
Pitch - Mating Interface	1.25mm
Plating min - Termination	1.000µm
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>
PicoBlade Female-to-PicoBlade Female Off-the-Shelf (OTS) Cable Assemblies	<u>15134</u>