



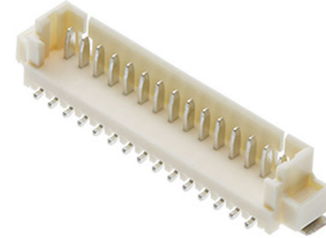
Part Number : [533980471](#)

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



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](#)

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

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
----	--------

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

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>

This document was generated on Sep 27, 2024