

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0533981276](#)
Status: **Active**
Overview: [PicoBlade Connector System](#)
Description: 1.25mm Pitch, PicoBlade PCB Header, Single Row, Vertical, Surface Mount, Tin-Copper Plating, Friction Lock, 12 Circuits, Tape and Reel, 0.60mm PC Tail Length

Documents:

2D Drawing (DXF)	3D Model
Drawing (PDF)	Packaging Specification SPK-53398-002-001 (PDF)
3D Model (PDF)	RoHS Certificate of Compliance (PDF)
2D Drawing DXF (PDF)	

Agency Certification

UL E29179

General

Product Family	PCB Headers
Series	53398
Application	Signal, Wire-to-Board
Current Derating Order No	987651-3691
Overview	PicoBlade Connector System
Product Name	PicoBlade
UPC	822348202850

Physical

Breakaway	No
Circuits (Loaded)	12
Circuits (maximum)	12
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	348.500/mg
Number of Rows	1
Orientation	Vertical
PC Tail Length	0.60mm
PCB Locator	No
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
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 +85°C
Termination Interface: Style	Surface Mount



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2021)4569-DC (8
July 2021)

Halogen-Free

Status

Not Low-Halogen

For more information, please visit [Contact US](#)

China RoHS

China ROHS	Not Relevant
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

[53398](#) Series

Mates With

PicoBlade Housing [51021](#)
PicoBlade
Cable Assembly [15134](#)

Electrical

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

Material Info

Cross-Plant Material Status	LT
-----------------------------	----

Reference - Drawing Numbers

Packaging Specification	SPK-53398-002-001
Sales Drawing	SD-53398-038-001, SD-53398-039-001, SD-53398-039-002, SD-53398-039-003

This document was generated on 09/13/2021

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Molex:

53398-1276