

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0533980467](#)
Status: **Active**
Overview: [PicoBlade Connector System](#)
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, with Cover

Documents:

3D Model	Product Specification 510211124-PS-000 (PDF)
2D Drawing DXF (PDF)	Product Specification PS-51021-025-001 (PDF)
Drawing (PDF)	Packaging Specification SPK-53398-002-001 (PDF)
2D Drawing (DXF)	RoHS Certificate of Compliance (PDF)
3D Model (PDF)	

Agency Certification

UL E29179

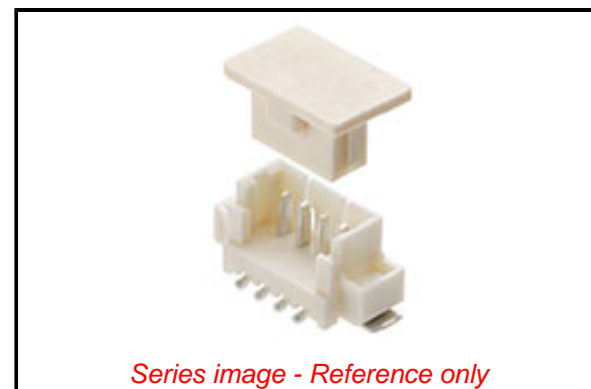
General

Product Family	PCB Headers
Series	53398
Application	Signal, Wire-to-Board
Overview	PicoBlade Connector System
Product Name	PicoBlade
Taxonomy	PCB Headers and Receptacles
UPC	822348245888

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	264.400/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
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Robotic Placement	Pick and Place Cap
Stackable	No
Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Surface Mount

Electrical



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2022)4187-DC (10
June 2022)

Halogen-Free

Status

Not Low-Halogen

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

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[53398](#) Series

Mates With

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

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

Material Info

Reference - Drawing Numbers

Packaging Specification	SPK-53398-002-001
Product Specification	510211124-PS-000, PS-51021-025-001
Sales Drawing	533980001-SD-000

This document was generated on 09/29/2022

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION