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**Part Number:** [0533980571](#)

**Status:** **Active**

**Overview:** [PicoBlade Connector System](#)

**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

**Documents:**

[2D Drawing \(DXF\)](#)

[3D Model \(PDF\)](#)

[3D Model](#)

[2D Drawing DXF \(PDF\)](#)

[Drawing \(PDF\)](#)

[Product Specification 510211024-PS-000 \(PDF\)](#)

[Product Specification PS-51021-024-001 \(PDF\)](#)

[Application Specification 510210000-AS-000 \(PDF\)](#)

[Packaging Specification SPK-53398-002-001 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

UL E29179

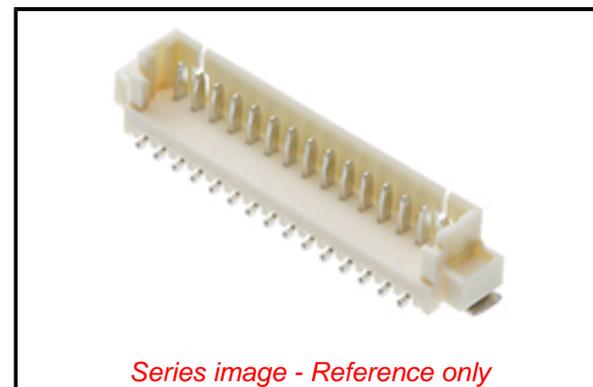
**General**

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 822348164325

**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 0.475/g  
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  
Shrouded Partial  
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(2021)4569-DC (8  
July 2021)

**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](#) <br>PicoBlade  
Cable Assembly [15134](#)

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

**Material Info**

**Reference - Drawing Numbers**

Application Specification	510210000-AS-000
Packaging Specification	SPK-53398-002-001
Product Specification	510211024-PS-000, PS-51021-024-001
Sales Drawing	533980000-SD-000

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