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**Part Number:** [0533981071](#)  
**Status:** **Active**  
**Overview:** PicoBlade™ Connector System  
**Description:** 1.25mm Pitch PicoBlade™ Header, Surface Mount, Vertical, 10 Circuits

**Documents:**

[3D Model](#) [Packaging Specification SPK-53398-002-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-51021-024-001 \(PDF\)](#)

**Agency Certification**

UL E29179

**General**

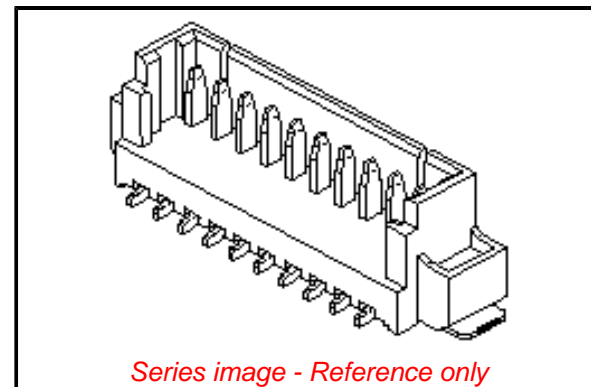
Product Family PCB Headers  
Series [53398](#)  
Application Signal, Wire-to-Board  
Current Derating Order No 987651-3691  
MolexKits Yes  
Overview [PicoBlade™ Connector System](#)  
Product Name PicoBlade™  
UPC 822348164370

**Physical**

Breakaway No  
Circuits (Loaded) 10  
Circuits (maximum) 10  
Color - Resin Natural  
Durability (mating cycles max) 30  
First Mate / Last Break No  
Flammability 94V-0  
Glow-Wire Compliant 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 304.100/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  
Shrouded Partial  
Stackable No  
Temperature Range - Operating -40°C to +85°C  
Termination Interface: Style Surface Mount

**Electrical**

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



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**China RoHS**

**REACH SVHC**

Not Contained Per -  
ED/21/2016 (20 June  
2016)

**Halogen-Free**

**Status**

**Not Low-Halogen**

**Need more information on product  
environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any  
non-product compliance questions.

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

**Search Parts in this Series**

[53398 Series](#)

**Mates With**

[51021 PicoBlade™ Wire-to-Wire and Wire-to-Board Housing](#)

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification

Product Specification

Sales Drawing

SPK-53398-002-001

PS-51021-024-001

SD-53398-032, SD-53398-033

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