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**Part Number:** **0533980476**  
**Status:** **Active**  
**Overview:** PicoBlade™ Connector System  
**Description:** 1.25mm Pitch PicoBlade™ Header, Surface Mount, Vertical, 4 Circuits, Tin-Copper Contact Plating

**Documents:**

[3D Model](#) [Packaging Specification SPK-53398-002-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-51021-026-001 \(PDF\)](#)

**Agency Certification**

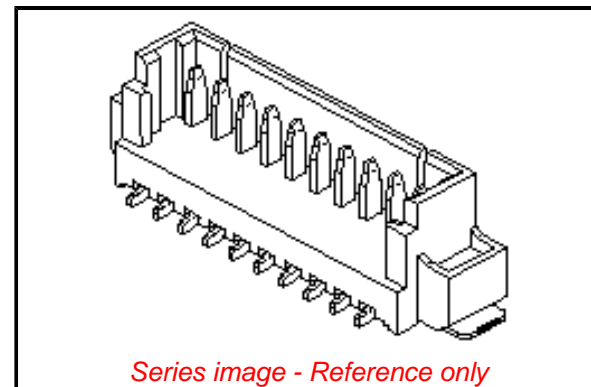
UL E29179

**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 822348202775

**Physical**

Breakaway No  
Circuits (Loaded) 4  
Circuits (maximum) 4  
Color - Resin Black  
Durability (mating cycles max) 30  
First Mate / Last Break No  
Flammability 94V-0  
Glow-Wire Compliant 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 170.300/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°C to +85°C  
Termination Interface: Style Surface Mount



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
ED/30/2017 (7 July  
2017)

**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

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[53398 Series](#)

**Mates With**

PicoBlade™ Housing [51021](#)

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

**Electrical**

Current - Maximum per Contact

1.0A

Voltage - Maximum

125V

**Material Info****Reference - Drawing Numbers**

Packaging Specification

SPK-53398-002-001

Product Specification

PS-51021-026-001

Sales Drawing

SD-53398-038, SD-53398-039

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