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**Part Number:** [0533980876](#)  
**Status:** **Active**  
**Overview:** [PicoBlade Connector System](#)  
**Description:** 1.25mm Pitch, PicoBlade PCB Header, Single Row, Vertical, Surface Mount, Tin-Copper Plating, Friction Lock, 8 Circuits, Tape and Reel, 0.60mm PC Tail Length

**Documents:**

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

**Agency Certification**

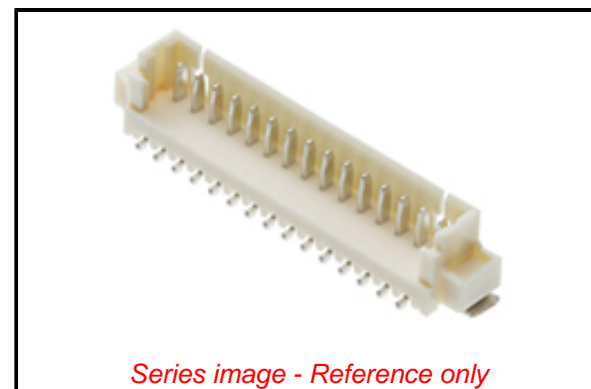
UL E29179

**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 822348202812

**Physical**

Breakaway No  
 Circuits (Loaded) 8  
 Circuits (maximum) 8  
 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 259.400/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  
 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(2020)4578-DC (25  
 June 2020)

**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](#)

**Electrical**

Current - Maximum per Contact

1.0A

Voltage - Maximum

125V

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

Packaging Specification

SPK-53398-002-001

Sales Drawing

SD-53398-038, SD-53398-039

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