

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0533980771](#)  
**Status:** **Active**  
**Overview:** [PicoBlade Connector System](#)  
**Description:** 1.25mm Pitch, PicoBlade PCB Header, Single Row, Vertical, Surface Mount, Tin (Sn) Plating, Friction Lock, 7 Circuits, Tape and Reel, 0.60mm PC Tail Length

**Documents:**

<a href="#">2D Drawing DXF (PDF)</a>	<a href="#">Product Specification 510211124-PS-000 (PDF)</a>
<a href="#">2D Drawing (DXF)</a>	<a href="#">Product Specification PS-51021-024-001 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">Application Specification 510210000-AS-000 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification SPK-53398-002-001 (PDF)</a>
<a href="#">3D Model</a>	<a href="#">Datasheet (PDF)</a>
<a href="#">Product Specification 510211024-PS-000 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**Agency Certification**

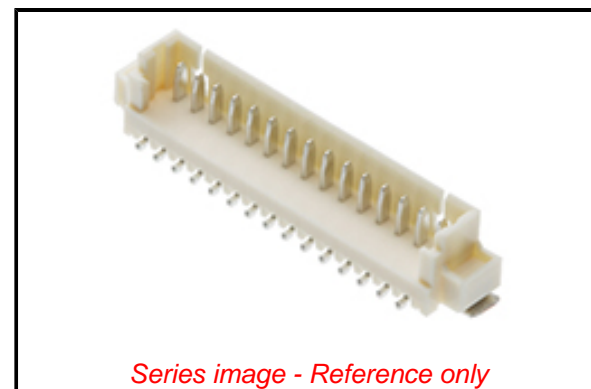
UL E29179

**General**

Product Family	PCB Headers
Series	<a href="#">53398</a>
Application	Signal, Wire-to-Board
Overview	<a href="#">PicoBlade Connector System</a>
Product Name	PicoBlade
Taxonomy	PCB Headers and Receptacles
UPC	822348164349

**Physical**

Breakaway	No
Circuits (Loaded)	7
Circuits (maximum)	7
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	237.300/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
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



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

**Electrical**

Current - Maximum per Contact  
Voltage - Maximum

1.0A  
125V

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

Application Specification  
Packaging Specification  
Product Specification

510210000-AS-000  
SPK-53398-002-001  
510211024-PS-000, 510211124-PS-000,  
PS-51021-024-001  
533980000-SD-000

Sales Drawing

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