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**Part Number:** [0533980471](#)  
**Status:** **Active**  
**Overview:** [PicoBlade Connector System](#)  
**Description:** 1.25mm Pitch, PicoBlade PCB Header, Single Row, Vertical, Surface Mount, Tin (Sn) Plating, Friction Lock, 4 Circuits, Tape and Reel, 0.60mm PC Tail Length

**Documents:**

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

**Agency Certification**

UL E29179

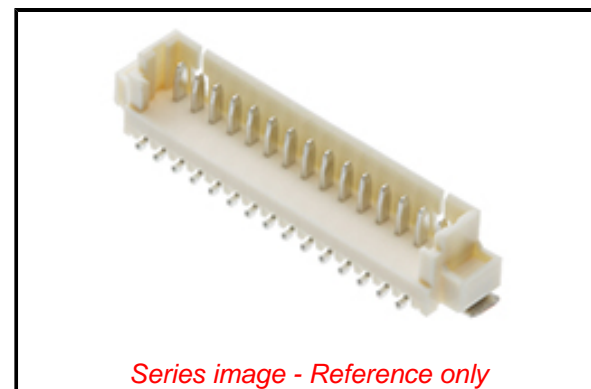
**General**

Product Family	PCB Headers
Series	<a href="#">53398</a>
Application	Signal, Wire-to-Board
Current Derating Order No	987651-3691
Overview	<a href="#">PicoBlade Connector System</a>
Product Name	PicoBlade
UPC	822348164318

**Physical**

Breakaway	No
Circuits (Loaded)	4
Circuits (maximum)	4
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	170.080/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

**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

**Solder Process Data**

Duration at Max. Process Temperature (seconds)	060
Lead-free Process Capability	REFLOW
Max. Cycles at Max. Process Temperature	002
Process Temperature max. C	250

**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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