

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

**Part Number:** **0530480810**  
**Status:** **Active**  
**Overview:** PicoBlade Connector System  
**Description:** 1.25mm Pitch, PicoBlade PCB Header, Single Row, Right-Angle, Through Hole, Tin (Sn) Plating, Friction Lock, 8 Circuits, Tray, 2.30mm PC Tail Length

**Documents:**

<a href="#">Drawing (PDF)</a>	<a href="#">Product Specification 510211010-PS-000 (PDF)</a>
<a href="#">2D Drawing DXF (PDF)</a>	<a href="#">Product Specification PS-51021-010-001 (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-53048-001-001 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**Agency Certification**

UL E29179

**General**

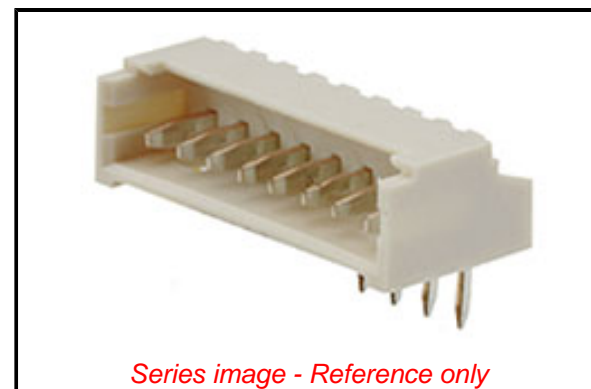
Product Family	PCB Headers
Series	<u>53048</u>
Application	Signal, Wire-to-Board
Current Derating Order No	987651-3691
Overview	<u>PicoBlade Connector System</u>
Product Name	PicoBlade
UPC	800753752214

**Physical**

Breakaway	No
Circuits (Loaded)	8
Circuits (maximum)	8
Color - Resin	Natural
Durability (mating cycles max)	30
First Mate / Last Break	No
Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Mated Height	3.50mm
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Nylon
Net Weight	193.500/mg
Number of Rows	1
Orientation	Right Angle
PC Tail Length	2.30mm
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	0.80mm
Packaging Type	Tray
Pitch - Mating Interface	1.25mm
Polarized to PCB	No
Shrouded	Fully
Stackable	No
Temperature Range - Operating	-40° to +85°C
Termination Interface: Style	Through Hole

**Electrical**

Current - Maximum per Contact 1.0A



*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**

53048 Series

**Mates With**

PicoBlade Housing 51021 <br>PicoBlade  
Cable Assembly 15134

Voltage - Maximum

125V

**Material Info**

**Reference - Drawing Numbers**

Application Specification

510210000-AS-000

Packaging Specification

SPK-53048-001-001

Product Specification

510211010-PS-000, PS-51021-010-001

Sales Drawing

530480001-SD-000

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