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**Part Number:** [0530481510](#)  
**Status:** **Active**  
**Overview:** [picoblade](#)  
**Description:** 1.25mm (.049") Pitch PicoBlade™ Header, Right Angle, 15 Circuits

**Documents:**

[3D Model](#) [Product Specification PS-51021-010 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**General**

Product Family	PCB Headers
Series	<a href="#">53048</a>
Application	Wire-to-Board
Overview	<a href="#">picoblade</a>
Product Name	PicoBlade™

**Physical**

Breakaway	No
Circuits (Loaded)	15
Circuits (maximum)	15
Color - Resin	Natural
First Mate / Last Break	No
Glow-Wire Compliant	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Mated Height (in)	0.138 In
Mated Height (mm)	3.50 mm
Material - Plating Mating	Tin
Material - Resin	Nylon
Number of Rows	1
Orientation	Right Angle
PC Tail Length (in)	0.091 In
PC Tail Length (mm)	2.30 mm
PCB Locator	No
PCB Retention	None
PCB Thickness Recommended (in)	0.031 In
PCB Thickness Recommended (mm)	0.80 mm
Packaging Type	Tray
Pitch - Mating Interface (in)	0.049 In
Pitch - Mating Interface (mm)	1.25 mm
Polarized to PCB	No
Shrouded	Fully
Stackable	No
Temperature Range - Operating	-40°C to +85°C
Termination Interface: Style	Through Hole

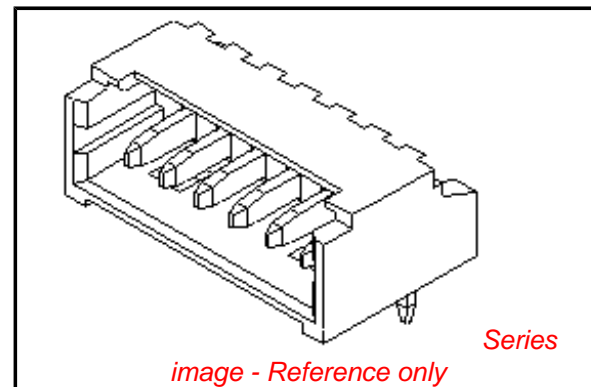
**Electrical**

Current - Maximum per Contact	1A
Voltage - Maximum	125V

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification	SPK-53048-001
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**EU RoHS**

**ELV and RoHS  
Compliant**  
**REACH SVHC**  
 Not Reviewed  
**Halogen-Free  
Status**  
 Not Reviewed

**China RoHS**



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Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 For a multiple part number RoHS Certificate of  
 Compliance, [click here](#)

Please visit the [Contact Us](#) section for any  
 non-product compliance questions.

**Search Parts in this Series**

[53048Series](#)

**Mates With**

[51021 PicoBlade™ Wire-to-Wire](#)

Product Specification

Sales Drawing

PS-51021-010, RPS-51021-007, RPS-51021-011,  
RPS-51021-048, RPS-51021-059, RPS-51021-060,  
RPS-51021-071, RPS-51021-089  
SD-53048-\*\*10

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