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**Part Number:** [0530470310](#)  
**Status:** **Active**  
**Overview:**  
**Description:** 1.25mm (.049") Pitch PicoBlade™ Wire-to-Board Header, Vertical, with Friction Lock, 3 Circuits

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

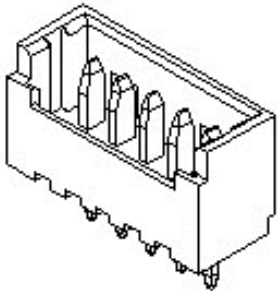
**General**  
Product Family PCB Headers  
Series [53047](#)  
Application Wire-to-Board  
Overview PicoBlade™;  
Product Name PicoBlade™

**Physical**  
Breakaway No  
Circuits (Loaded) 3  
Circuits (maximum) 3  
Durability (mating cycles max) 30  
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) 0.205 In  
Mated Height (mm) 5.20 mm  
Material - Plating Mating Tin  
Material - Plating Termination Tin  
Number of Rows 1  
Orientation Vertical  
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  
Surface Mount Compatible (SMC) No  
Temperature Range - Operating -40°C to +85°C  
Termination Interface: Style Through Hole

**Electrical**  
Current - Maximum 1A  
Voltage - Maximum 125V

**Material Info**

**Reference - Drawing Numbers**  
Product Specification PS-51021-010  
Product Specification RPS-51021-007



Series image - Reference only

**EU RoHS**  
**ELV and RoHS**  
**Compliant**  
**REACH SVHC**  
**Contains SVHC: No**  
**Halogen-Free**  
**Status**  
**Not Reviewed**

**China RoHS**



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

**Search Parts in this Series**  
[53047](#) Series

**Mates With**  
[51021](#) PicoBlade™ Wire-to-Wire

|                       |               |
|-----------------------|---------------|
| Product Specification | RPS-51021-011 |
| Product Specification | RPS-51021-041 |
| Product Specification | RPS-51021-059 |
| Product Specification | RPS-51021-060 |
| Product Specification | RPS-51021-071 |
| Product Specification | RPS-51021-089 |
| Sales Drawing         | SD-53047-**10 |

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