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**Part Number:** [0530470910](#)  
**Status:** **Active**  
**Overview:** [PicoBlade™ Connector System](#)  
**Description:** 1.25mm Pitch PicoBlade™ Wire-to-Board Header, Vertical, with Friction Lock, 9 Circuits

**Documents:**

[3D Model](#) [Packaging Specification SPK-53047-001-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-51021-010-001 \(PDF\)](#)

**Agency Certification**

UL E29179

**General**

Product Family PCB Headers  
Series [53047](#)  
Application Signal, Wire-to-Board  
Current Derating Order No 987651-3691  
Overview [PicoBlade™ Connector System](#)  
Product Name PicoBlade™  
UPC 800753750531

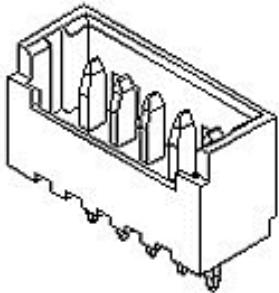
**Physical**

Breakaway No  
Circuits (Loaded) 9  
Circuits (maximum) 9  
Durability (mating cycles max) 30  
First Mate / Last Break No  
Flammability 94V-0  
Glow-Wire Compliant No  
Guide to Mating Part No  
Keying to Mating Part None  
Lock to Mating Part Yes  
Mated Height 5.20mm  
Material - Plating Mating Tin  
Material - Plating Termination Tin  
Net Weight 182.400/mg  
Number of Rows 1  
Orientation Vertical  
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  
Surface Mount Compatible (SMC) No  
Temperature Range - Operating -40°C to +85°C  
Termination Interface: Style Through Hole

**Electrical**

Current - Maximum per Contact 1.0A  
Voltage - Maximum 125V

**Material Info**



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**China RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
-ED/01/2017 (12  
January 2017)

**Halogen-Free**

**Status**

**Not Low-Halogen**

**Need more information on product  
environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any  
non-product compliance questions.

|                 |               |
|-----------------|---------------|
| China ROHS      | Green Image   |
| ELV             | Not Relevant  |
| RoHS Phthalates | Not Contained |

**Search Parts in this Series**

[53047](#) Series

**Mates With**

[51021](#) PicoBlade™ Wire-to-Wire

**Reference - Drawing Numbers**

|                         |                   |
|-------------------------|-------------------|
| Packaging Specification | SPK-53047-001-001 |
| Product Specification   | PS-51021-010-001  |
| Sales Drawing           | SD-53047-**10     |

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