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**Part Number:** [0530471510](#)  
**Status:** **Active**  
**Overview:** [PicoBlade Connector System](#)  
**Description:** 1.25mm Pitch PicoBlade™ Wire-to-Board Header, Vertical, with Friction Lock, 15 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 800753565890

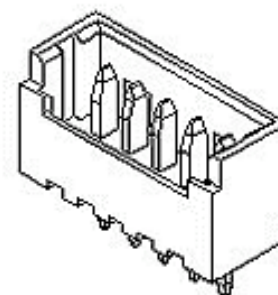
**Physical**

Breakaway No  
 Circuits (Loaded) 15  
 Circuits (maximum) 15  
 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 289.200/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**

**Compliant**

**REACH SVHC**

Not Contained Per -  
 ED/30/2017 (7 July  
 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

Product Specification

Sales Drawing

SPK-53047-001-001

PS-51021-010-001

SD-53047-\*\*10

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