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**Part Number:** **0530470510**  
**Status:** **Active**  
**Overview:** PicoBlade™ Connector System  
**Description:** 1.25mm Pitch PicoBlade™ Wire-to-Board Header, Vertical, with Friction Lock, 5 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 800753750524

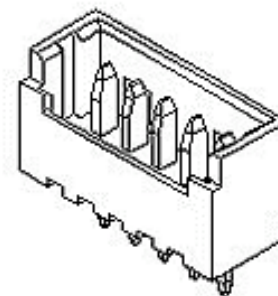
**Physical**

Breakaway No  
Circuits (Loaded) 5  
Circuits (maximum) 5  
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 111.200/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/21/2016 (20 June  
2016)

**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**

PicoBlade™ Housing [51021](#)  
<br>PicoBlade™ Cable Assembly [15134](#)

**Reference - Drawing Numbers**

Packaging Specification

Product Specification

Sales Drawing

SPK-53047-001-001

PS-51021-010-001

SD-53047-\*\*10

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