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**Part Number:** [0530471310](#)  
**Status:** **Active**  
**Overview:** [PicoBlade Connector System](#)  
**Description:** 1.25mm Pitch PicoBlade Wire-to-Board Header, Vertical, with Friction Lock, 13 Circuits

**Documents:**

|  |  |
|--|--|
| <a href="#">3D Model</a>                                     | <a href="#">Application Specification 510210000-AS-000 (PDF)</a> |
| <a href="#">Drawing (PDF)</a>                                | <a href="#">Packaging Specification SPK-53047-001-001 (PDF)</a>  |
| <a href="#">Product Specification PS-51021-010-001 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>             |

**Agency Certification**

UL E29179

**General**

|                           |  |
|---------------------------|--|
| Product Family            | PCB Headers                                |
| Series                    | <a href="#">53047</a>                      |
| Application               | Signal, Wire-to-Board                      |
| Current Derating Order No | 987651-3691                                |
| Overview                  | <a href="#">PicoBlade Connector System</a> |
| Product Name              | PicoBlade                                  |
| UPC                       | 800753565876                               |

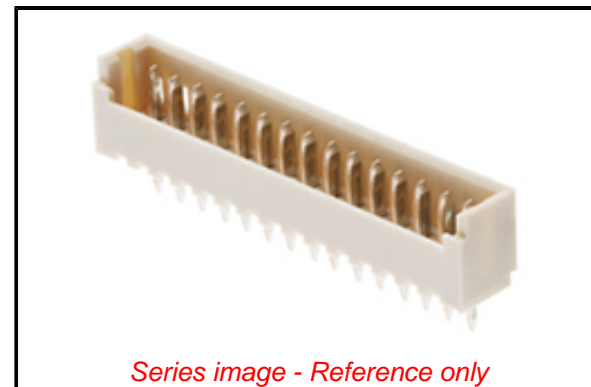
**Physical**

|                                |               |
|--------------------------------|---------------|
| Breakaway                      | No            |
| Circuits (Loaded)              | 13            |
| Circuits (maximum)             | 13            |
| Durability (mating cycles max) | 30            |
| First Mate / Last Break        | No            |
| Flammability                   | 94V-0         |
| Glow-Wire Capable              | 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                     | 253.600/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° 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/88/2018 (15  
January 2019)

**Halogen-Free**

**Status**

**Not Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[53047](#) Series

**Mates With**

[51021](#) PicoBlade Wire-to-Wire

**Reference - Drawing Numbers**

|                           |                   |
|---------------------------|-------------------|
| Application Specification | 510210000-AS-000  |
| Packaging Specification   | SPK-53047-001-001 |
| Product Specification     | PS-51021-010-001  |
| Sales Drawing             | SD-53047-XX10     |

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