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**Part Number:** [0530470310](#)  
**Status:** **Active**  
**Overview:** [PicoBlade Connector System](#)  
**Description:** 1.25mm Pitch, PicoBlade PCB Header, Single Row, Vertical, Through Hole, Tin Plating, Friction Lock, 3 Circuits, Tray, 2.30mm PC Tail Length

**Documents:**

|  |  |
|--|--|
| <a href="#">Drawing (PDF)</a>                                | <a href="#">Application Specification 510210000-AS-000 (PDF)</a> |
| <a href="#">3D Model</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**

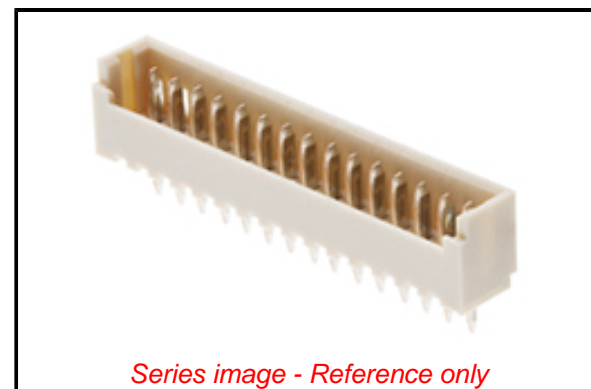
UL E29179

**General**

|                           |  |
|---------------------------|--|
| Product Family            | PCB Headers                                |
| Series                    | <a href="#">53047</a>                      |
| 3D Viewer                 | Yes  |
| Application               | Signal, Wire-to-Board                      |
| CURRENT-MAX-NUMERIC       | 1.0  |
| Current Derating Order No | 987651-3691                                |
| Overview                  | <a href="#">PicoBlade Connector System</a> |
| PITCH-MATING-NUMERIC      | 1.25                                       |
| Product Name              | PicoBlade                                  |
| UPC                       | 800753566231                               |

**Physical**

|                                |                 |
|--------------------------------|-----------------|
| Breakaway                      | No              |
| Circuits (Loaded)              | 3               |
| Circuits (maximum)             | 3               |
| Color - Resin                  | Natural         |
| 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 - Metal               | Phosphor Bronze |
| Material - Plating Mating      | Tin             |
| Material - Plating Termination | Tin             |
| Material - Resin               | Nylon           |
| Net Weight                     | 75.600/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   |



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
ED/71/2019 (16 July  
2019)

**Halogen-Free**

**Status**

**Not Low-Halogen**

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

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[53047 Series](#)

**Mates With**

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

Termination Interface: Style Through Hole

**Electrical**

Current - Maximum per Contact 1.0A

Voltage - Maximum 125V

**Material Info**

**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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