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**Part Number:** [0530471410](#)  
**Status:** **Active**  
**Overview:**  
**Description:** 1.25mm (.049") Pitch PicoBlade™ Wire-to-Board Header, Vertical, with Friction Lock, 14 Circuits

**Documents:**

|                               |                                                          |
|-------------------------------|----------------------------------------------------------|
| <a href="#">3D Model</a>      | <a href="#">Product Specification PS-51021-010 (PDF)</a> |
| <a href="#">Drawing (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>     |

**General**

|                |                       |
|----------------|-----------------------|
| Product Family | PCB Headers           |
| Series         | <a href="#">53047</a> |
| Application    | Wire-to-Board         |
| Overview       | PicoBlade™            |
| Product Name   | PicoBlade™            |

**Physical**

|                                |                |
|--------------------------------|----------------|
| Breakaway                      | No             |
| Circuits (Loaded)              | 14             |
| Circuits (maximum)             | 14             |
| Durability (mating cycles max) | 30             |
| First Mate / Last Break        | No             |
| Glow-Wire Compliant            | No             |
| Guide to Mating Part           | No             |
| Keying to Mating Part          | None           |
| Lock to Mating Part            | Yes            |
| Mated Height (in)              | 0.205 In       |
| Mated Height (mm)              | 5.20 mm        |
| Material - Plating Mating      | Tin            |
| Material - Plating Termination | Tin            |
| Number of Rows                 | 1              |
| Orientation                    | Vertical       |
| PC Tail Length (in)            | 0.091 In       |
| PC Tail Length (mm)            | 2.30 mm        |
| PCB Locator                    | No             |
| PCB Retention                  | None           |
| PCB Thickness Recommended (in) | 0.031 In       |
| PCB Thickness Recommended (mm) | 0.80 mm        |
| Packaging Type                 | Tray           |
| Pitch - Mating Interface (in)  | 0.049 In       |
| Pitch - Mating Interface (mm)  | 1.25 mm        |
| 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   |

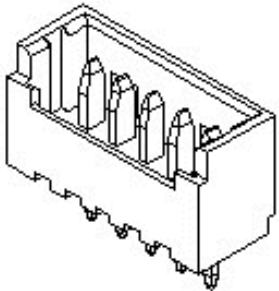
**Electrical**

|                   |      |
|-------------------|------|
| Current - Maximum | 1A   |
| Voltage - Maximum | 125V |

**Material Info**

**Reference - Drawing Numbers**

|                       |               |
|-----------------------|---------------|
| Product Specification | PS-51021-010  |
| Product Specification | RPS-51021-007 |



Series image - Reference only

**EU RoHS**

**ELV and RoHS  
Compliant**  
**REACH SVHC  
Contains SVHC: No  
Halogen-Free  
Status**

**China RoHS**



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non-product compliance questions.

**Search Parts in this Series**

[53047](#) Series

**Mates With**

[51021](#) PicoBlade™ Wire-to-Wire

|                       |               |
|-----------------------|---------------|
| Product Specification | RPS-51021-011 |
| Product Specification | RPS-51021-041 |
| Product Specification | RPS-51021-059 |
| Product Specification | RPS-51021-060 |
| Product Specification | RPS-51021-071 |
| Product Specification | RPS-51021-089 |
| Sales Drawing         | SD-53047-**10 |

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