

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0533981171](#)  
**Status:** **Active**  
**Overview:** [PicoBlade Connector System](#)  
**Description:** 1.25mm Pitch, PicoBlade PCB Header, Single Row, Vertical, Surface Mount, Tin (Sn) Plating, Friction Lock, 11 Circuits, Tape and Reel, 0.60mm PC Tail Length

**Documents:**

|  |  |
|--|--|
| <a href="#">3D Model (PDF)</a>                               | <a href="#">Product Specification 510211124-PS-000 (PDF)</a>     |
| <a href="#">3D Model</a>                                     | <a href="#">Product Specification PS-51021-024-001 (PDF)</a>     |
| <a href="#">Drawing (PDF)</a>                                | <a href="#">Application Specification 510210000-AS-000 (PDF)</a> |
| <a href="#">2D Drawing (DXF)</a>                             | <a href="#">Packaging Specification SPK-53398-002-001 (PDF)</a>  |
| <a href="#">2D Drawing DXF (PDF)</a>                         | <a href="#">Datasheet (PDF)</a>                                  |
| <a href="#">Product Specification 510211024-PS-000 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>             |

**Agency Certification**

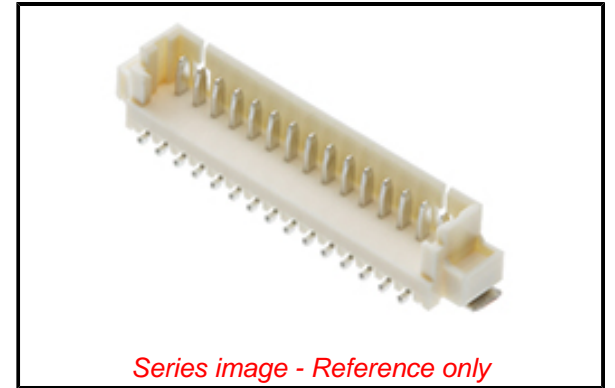
UL E29179

**General**

|                |  |
|----------------|--|
| Product Family | PCB Headers                                |
| Series         | <a href="#">53398</a>                      |
| Application    | Signal, Wire-to-Board                      |
| Component Type | PCB Header                                 |
| Overview       | <a href="#">PicoBlade Connector System</a> |
| Product Name   | PicoBlade                                  |
| Taxonomy       | PCB Headers and Receptacles                |
| UPC            | 822348164387                               |

**Physical**

|                                |                       |
|--------------------------------|-----------------------|
| Breakaway                      | No                    |
| Circuits (Loaded)              | 11                    |
| Circuits (maximum)             | 11                    |
| 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                    |
| Lock to Mating Part            | Yes                   |
| Mated Height                   | 5.70mm                |
| Material - Metal               | Phosphor Bronze       |
| Material - Plating Mating      | Tin                   |
| Material - Plating Termination | Tin                   |
| Material - Resin               | Nylon                 |
| Net Weight                     | 326.400/mg            |
| Number of Rows                 | 1                     |
| Orientation                    | Vertical              |
| PC Tail Length                 | 0.60mm                |
| PCB Locator                    | No                    |
| PCB Retention                  | Yes                   |
| Packaging Type                 | Embossed Tape on Reel |
| Pitch - Mating Interface       | 1.25mm                |
| Polarized to Mating Part       | Yes                   |
| Polarized to PCB               | Yes                   |
| Shrouded                       | Partial               |
| Stackable                      | No                    |
| Temperature Range - Operating  | -40° to +105°C        |
| Termination Interface: Style   | Surface Mount         |



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2022)4187-DC (10  
June 2022)

**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**

[53398 Series](#)

**Mates With**

PicoBlade Housing [51021](#)

**Electrical**

Current - Maximum per Contact  
Voltage - Maximum

1.0A  
125V

**Material Info****Reference - Drawing Numbers**

Application Specification  
Packaging Specification  
Product Specification

510210000-AS-000  
SPK-53398-002-001  
510211024-PS-000, 510211124-PS-000,  
PS-51021-024-001  
533980000-SD-000

Sales Drawing

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