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Part Number:

0532610471

Status:

Active

Overview:

PicoBlade Connector System

Description:

1.25mm Pitch, PicoBlade PCB Header, Single Row, Right-Angle, Surface Mount, Tin (Sn) Plating, Friction Lock, 4 Circuits, Tape and Reel

|                      |                                                  |
|----------------------|--------------------------------------------------|
| Documents:           |                                                  |
| 2D Drawing (DXF)     | Product Specification 510211024-PS-000 (PDF)     |
| 2D Drawing DXF (PDF) | Product Specification PS-51021-024-001 (PDF)     |
| 3D Model             | Application Specification 510210000-AS-000 (PDF) |
| 3D Model (PDF)       | Packaging Specification SPK-53261-002-001 (PDF)  |
| Drawing (PDF)        | RoHS Certificate of Compliance (PDF)             |

|                           |                            |
|---------------------------|----------------------------|
| Agency Certification      |                            |
| CSA                       | LR19980                    |
| UL                        | E29179                     |
| General                   |                            |
| Product Family            | PCB Headers                |
| Series                    | 53261                      |
| Application               | Signal, Wire-to-Board      |
| Current Derating Order No | 987651-3691                |
| Overview                  | PicoBlade Connector System |
| Product Name              | PicoBlade                  |
| UPC                       | 822348161072               |

|                                |                                |
|--------------------------------|--------------------------------|
| Physical                       |                                |
| Breakaway                      | No                             |
| Circuits (Loaded)              | 4                              |
| Circuits (maximum)             | 4                              |
| Color - Resin                  | Natural                        |
| Durability (mating cycles max) | 30                             |
| First Mate / Last Break        | No                             |
| Flammability                   | 94V-0                          |
| Glow-Wire Capable              | No                             |
| Guide to Mating Part           | Yes                            |
| Keying to Mating Part          | None                           |
| Lock to Mating Part            | Yes                            |
| Mated Height                   | 3.40mm                         |
| Material - Metal               | Phosphor Bronze                |
| Material - Plating Mating      | Tin                            |
| Material - Plating Termination | Tin                            |
| Material - Resin               | High Temperature Thermoplastic |
| Net Weight                     | 158.700/mg                     |
| Number of Rows                 | 1                              |
| Orientation                    | Right Angle                    |
| PCB Locator                    | No                             |
| PCB Retention                  | Yes                            |
| Packaging Type                 | Embossed Tape on Reel          |
| Pitch - Mating Interface       | 1.25mm                         |
| Plating min - Mating           | 1.016µm                        |
| Plating min - Termination      | 1.016µm                        |
| Polarized to PCB               | Yes                            |
| Shrouded                       | Fully                          |
| Stackable                      | No                             |
| Temperature Range - Operating  | -40° to +105°C                 |
| Termination Interface: Style   | Surface Mount                  |



Series image - Reference only

|                                                         |               |
|---------------------------------------------------------|---------------|
| EU ELV<br>Compliant                                     |               |
| EU RoHS<br>Compliant                                    | China RoHS    |
| REACH SVHC                                              |               |
| Not Contained Per -<br>D(2020)4578-DC (25<br>June 2020) |               |
| Halogen-Free<br>Status                                  |               |
| Not Low-Halogen                                         |               |
| For more information, please visit                      | Contact US    |
| China ROHS                                              | Green Image   |
| ELV                                                     | Compliant     |
| RoHS Phthalates                                         | Not Contained |

Search Parts in this Series  
53261 Series

Mates With  
PicoBlade Housing 51021 <br>PicoBlade  
Cable Assembly 15134

**Electrical**

|                               |      |
|-------------------------------|------|
| Current - Maximum per Contact | 1.0A |
| Voltage - Maximum             | 125V |

**Material Info**

**Reference - Drawing Numbers**

|                           |                                              |
|---------------------------|----------------------------------------------|
| Application Specification | 510210000-AS-000                             |
| Packaging Specification   | SPK-53261-002-001                            |
| Product Specification     | 510211024-PS-000, PS-51021-024-001           |
| Sales Drawing             | SD-51021-002, SD-53261-023-001, SD-53261-024 |

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