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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               | 53398                                      |
| 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         |



Series image - Reference only

|                                                               |               |
|---------------------------------------------------------------|---------------|
| EU ELV                                                        |               |
| Not Relevant                                                  |               |
| EU RoHS                                                       | China 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 <a href="#">Contact US</a> |               |
| China ROHS                                                    | Green Image   |
| ELV                                                           | Not Relevant  |
| RoHS Phthalates                                               | Not Contained |

Search Parts in this Series  
53398 Series

Mates With  
PicoBlade Housing 51021

**Electrical**

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

**Material Info**

**Reference - Drawing Numbers**

|                           |                                                         |
|---------------------------|---------------------------------------------------------|
| Application Specification | 510210000-AS-000                                        |
| Packaging Specification   | SPK-53398-002-001                                       |
| Product Specification     | 510211024-PS-000, 510211124-PS-000,<br>PS-51021-024-001 |
| Sales Drawing             | 533980000-SD-000                                        |

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