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Part Number:

0530481210

Status:

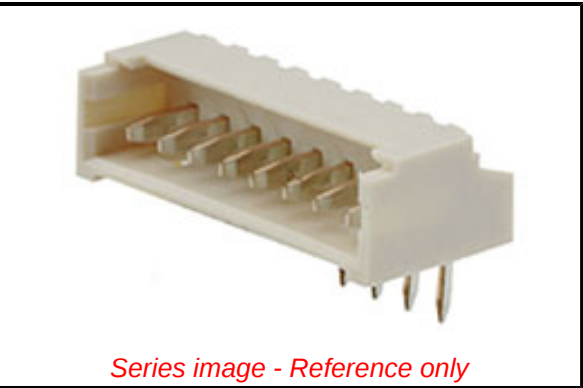
Active

Overview:

PicoBlade Connector System

Description:

1.25mm Pitch, PicoBlade PCB Header, Single Row, Right-Angle, Through Hole, Tin (Sn) Plating, Friction Lock, 12 Circuits, Tray, 2.30mm PC Tail Length



|                                                              |                                                                  |
|--------------------------------------------------------------|------------------------------------------------------------------|
| Documents:                                                   |                                                                  |
| <a href="#">2D Drawing (DXF)</a>                             | <a href="#">Product Specification 510211111-PS-000 (PDF)</a>     |
| <a href="#">2D Drawing DXF (PDF)</a>                         | <a href="#">Application Specification 510210000-AS-000 (PDF)</a> |
| <a href="#">Drawing (PDF)</a>                                | <a href="#">Packaging Specification SPK-53048-001-001 (PDF)</a>  |
| <a href="#">3D Model (PDF)</a>                               | <a href="#">Datasheet (PDF)</a>                                  |
| <a href="#">3D Model</a>                                     | <a href="#">RoHS Certificate of Compliance (PDF)</a>             |
| <a href="#">Product Specification 510211010-PS-000 (PDF)</a> |                                                                  |

|                                |                             |
|--------------------------------|-----------------------------|
| Agency Certification           |                             |
| UL                             | E29179                      |
| General                        |                             |
| Product Family                 | PCB Headers                 |
| Series                         | 53048                       |
| Application                    | Signal, Wire-to-Board       |
| Overview                       | PicoBlade Connector System  |
| Product Name                   | PicoBlade                   |
| Taxonomy                       | PCB Headers and Receptacles |
| UPC                            | 800753565968                |
| Physical                       |                             |
| Breakaway                      | No                          |
| Circuits (Loaded)              | 12                          |
| Circuits (maximum)             | 12                          |
| Color - Resin                  | Natural                     |
| Durability (mating cycles max) | 30                          |
| First Mate / Last Break        | No                          |
| Glow-Wire Capable              | No                          |
| Guide to Mating Part           | No                          |
| Keying to Mating Part          | None                        |
| Lock to Mating Part            | Yes                         |
| Mated Height                   | 3.50mm                      |
| Material - Plating Mating      | Tin                         |
| Material - Plating Termination | Tin                         |
| Material - Resin               | Nylon                       |
| Net Weight                     | 274.000/mg                  |
| Number of Rows                 | 1                           |
| Orientation                    | Right Angle                 |
| 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                          |
| Temperature Range - Operating  | -40° to +85°C               |
| Termination Interface: Style   | Through Hole                |

Electrical

|                                                               |               |
|---------------------------------------------------------------|---------------|
| 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

53048 Series

Mates With

PicoBlade Housing 51021 <br> PicoBlade Cable Assembly 15134

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

**Material Info**

**Reference - Drawing Numbers**

|                           |                                    |
|---------------------------|------------------------------------|
| Application Specification | 510210000-AS-000                   |
| Packaging Specification   | SPK-53048-001-001                  |
| Product Specification     | 510211010-PS-000, 510211111-PS-000 |
| Sales Drawing             | 530480001-SD-000                   |

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