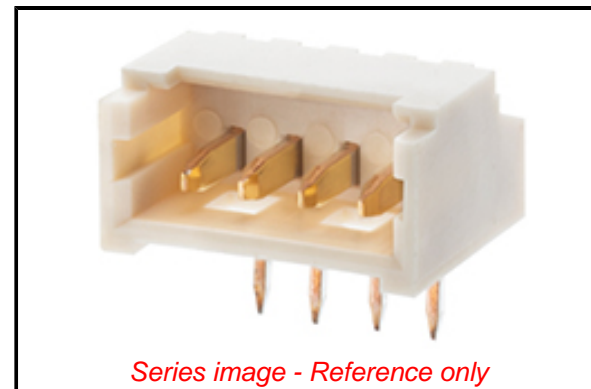


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Part Number: [0530481050](#)
Status: **Active**
Overview: [PicoBlade Connector System](#)
Description: 1.25mm Pitch, PicoBlade PCB Header, Single Row, Right-Angle, Through Hole, Gold (Au) Plating, Friction Lock, 10 Circuits, Tray, 2.30mm PC Tail Length

Documents:

| | |
|--|--|
| 3D Model | Product Specification 510211000-PS-000 (PDF) |
| Drawing (PDF) | Application Specification 510210000-AS-000 (PDF) |
| 3D Model (PDF) | Packaging Specification SPK-53048-001-001 (PDF) |
| Product Specification 510210000-PS-000 (PDF) | RoHS Certificate of Compliance (PDF) |



Agency Certification

UL E29179

General

| | |
|----------------|--|
| Product Family | PCB Headers |
| Series | 53048 |
| Application | Signal, Wire-to-Board |
| Overview | PicoBlade Connector System |
| Product Name | PicoBlade |
| UPC | 191128467544 |

Physical

| | |
|--------------------------------|-----------------|
| Breakaway | No |
| Circuits (Loaded) | 10 |
| Circuits (maximum) | 10 |
| 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 - Metal | Phosphor Bronze |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Matte Tin |
| Material - Resin | Polyamide |
| Net Weight | 235.522/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 |
| Plating min - Mating | 0.380µm |
| Plating min - Termination | 1.000µm |
| Shrouded | Fully |
| Stackable | No |
| Temperature Range - Operating | -40° to +105°C |
| Termination Interface: Style | Through Hole |

Electrical

Current - Maximum per Contact 1.0A

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2021)4569-DC (8
July 2021)

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

[53048 Series](#)

Mates With

PicoBlade Housing [51021](#)

Voltage - Maximum

125V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Application Specification

510210000-AS-000

Packaging Specification

SPK-53048-001-001

Product Specification

510210000-PS-000, 510211000-PS-000

Sales Drawing

530480000-SD-000

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