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Part Number: [0530470910](#)
Status: **Active**
Overview: [PicoBlade Connector System](#)
Description: 1.25mm Pitch, PicoBlade PCB Header, Single Row, Vertical, Through Hole, Tin Plating, Friction Lock, 9 Circuits, Tray, 2.30mm PC Tail Length

Documents:

| | |
|--|--|
| 3D Model | Application Specification 510210000-AS-000 (PDF) |
| Drawing (PDF) | Packaging Specification SPK-53047-001-001 (PDF) |
| Product Specification PS-51021-010-001 (PDF) | RoHS Certificate of Compliance (PDF) |

Agency Certification

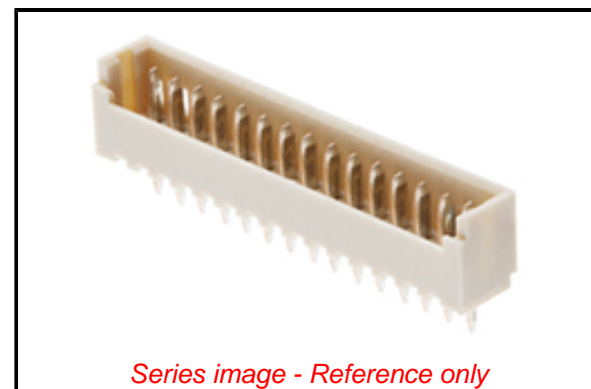
UL E29179

General

| | |
|---------------------------|--|
| Product Family | PCB Headers |
| Series | 53047 |
| 3D Viewer | Yes |
| Application | Signal, Wire-to-Board |
| CURRENT-MAX-NUMERIC | 1.0 |
| Current Derating Order No | 987651-3691 |
| Overview | PicoBlade Connector System |
| PITCH-MATING-NUMERIC | 1.25 |
| Product Name | PicoBlade |
| UPC | 800753750531 |

Physical

| | |
|--------------------------------|-----------------|
| Breakaway | No |
| Circuits (Loaded) | 9 |
| Circuits (maximum) | 9 |
| 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 |
| Keying to Mating Part | None |
| Lock to Mating Part | Yes |
| Mated Height | 5.20mm |
| Material - Metal | Phosphor Bronze |
| Material - Plating Mating | Tin |
| Material - Plating Termination | Tin |
| Material - Resin | Nylon |
| Net Weight | 182.400/mg |
| Number of Rows | 1 |
| Orientation | Vertical |
| 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 |
| Surface Mount Compatible (SMC) | No |
| Temperature Range - Operating | -40° to +85°C |



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per - ED/71/2019 (16 July 2019)

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

[53047 Series](#)

Mates With

[51021 PicoBlade Wire-to-Wire](#)

Termination Interface: Style Through Hole

Electrical

Current - Maximum per Contact 1.0A

Voltage - Maximum 125V

Material Info

Reference - Drawing Numbers

Application Specification 510210000-AS-000

Packaging Specification SPK-53047-001-001

Product Specification PS-51021-010-001

Sales Drawing SD-53047-XX10

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