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Part Number: [0533980667](#)

Status: **Active**

Overview: [PicoBlade Connector System](#)

Description: 1.25mm Pitch, PicoBlade PCB Header, Single Row, Vertical, Surface Mount, Tin (Sn) Plating, Friction Lock, 6 Circuits, Tape and Reel, 0.60mm PC Tail Length, with Cover

Documents:

[3D Model](#)

[Product Specification PS-51021-025-001 \(PDF\)](#)

[3D Model \(PDF\)](#)

[Packaging Specification SPK-53398-002-001 \(PDF\)](#)

[Drawing \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

UL E29179

General

| | |
|----------------|--------------------------------------------|
| Product Family | PCB Headers |
| Series | 53398 |
| Application | Signal, Wire-to-Board |
| Overview | PicoBlade Connector System |
| Product Name | PicoBlade |
| UPC | 822348245901 |

Physical

| | |
|--------------------------------|-----------------------|
| Breakaway | No |
| Circuits (Loaded) | 6 |
| Circuits (maximum) | 6 |
| 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 | 344.000/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 |
| Robotic Placement | Pick and Place Cap |
| Stackable | No |
| Temperature Range - Operating | -40° to +85°C |
| Termination Interface: Style | Surface Mount |

Electrical

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

Material Info



Series image - Reference only

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

[53398 Series](#)

Mates With

PicoBlade Housing [51021](#)
PicoBlade
Cable Assembly [15134](#)

Reference - Drawing Numbers

Packaging Specification

Product Specification

Sales Drawing

SPK-53398-002-001

PS-51021-025-001

533980001-SD-000

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