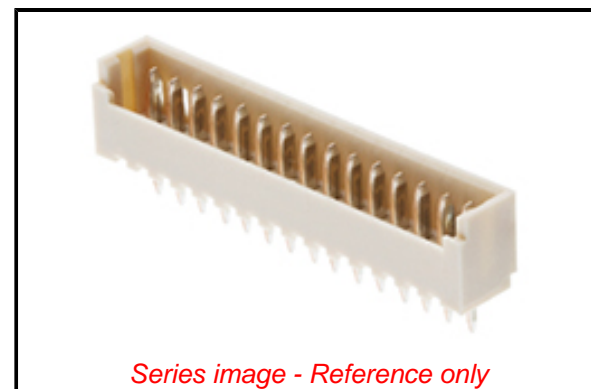


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Part Number: **0530470810**
Status: **Active**
Overview: PicoBlade Connector System
Description: 1.25mm Pitch, PicoBlade PCB Header, Single Row, Vertical, Through Hole, Tin Plating, Friction Lock, 8 Circuits, Tray, 2.30mm PC Tail Length

Documents:

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



Series image - Reference only

Agency Certification

UL E29179

General

| | |
|---------------------------|-----------------------------------|
| Product Family | PCB Headers |
| Series | <u>53047</u> |
| Application | Signal, Wire-to-Board |
| Current Derating Order No | 987651-3691 |
| Overview | <u>PicoBlade Connector System</u> |
| Product Name | PicoBlade |
| UPC | 800753565845 |

Physical

| | |
|--------------------------------|-----------------|
| Breakaway | No |
| Circuits (Loaded) | 8 |
| Circuits (maximum) | 8 |
| 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 | 164.600/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 |
| Termination Interface: Style | Through Hole |

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

PicoBlade Housing 51021
PicoBlade
Cable Assembly 15134

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 | 530470000-SD-000 |

This document was generated on 01/16/2020

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