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Part Number: [0530471510](#)
Status: **Active**
Overview: [PicoBlade Connector System](#)
Description: 1.25mm Pitch, PicoBlade PCB Header, Single Row, Vertical, Through Hole, Tin Plating, Friction Lock, 15 Circuits, Tray, 2.30mm PC Tail Length

Documents:

2D Drawing (DXF)	Product Specification 510211110-PS-000 (PDF)
2D Drawing DXF (PDF)	Application Specification 510210000-AS-000 (PDF)
3D Model	Packaging Specification SPK-53047-001-001 (PDF)
3D Model (PDF)	Datasheet (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification 510211010-PS-000 (PDF)	

Agency Certification

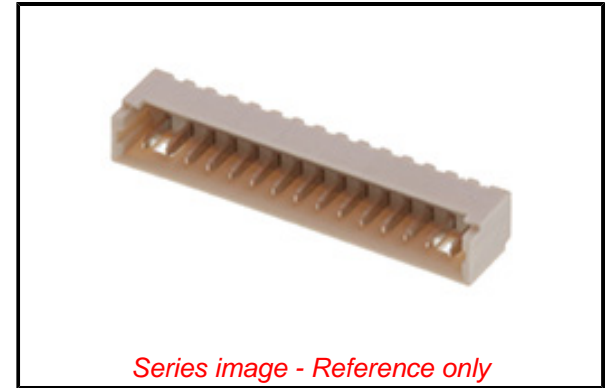
UL E29179

General

Product Family	PCB Headers
Series	53047
Application	Signal, Wire-to-Board
Overview	PicoBlade Connector System
Product Name	PicoBlade
Taxonomy	PCB Headers and Receptacles
UPC	800753565890

Physical

Breakaway	No
Circuits (Loaded)	15
Circuits (maximum)	15
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	289.200/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 -
D(2022)4187-DC (10
June 2022)

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](#)

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

510211010-PS-000, 510211110-PS-000

Sales Drawing

530470000-SD-000

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