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Part Number: **0530471210**
Status: **Active**
Overview: PicoBlade Connector System
Description: 1.25mm Pitch, PicoBlade PCB Header, Single Row, Vertical, Through Hole, Tin Plating, Friction Lock, 12 Circuits, Tray, 2.30mm PC Tail Length

Documents:

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

Agency Certification

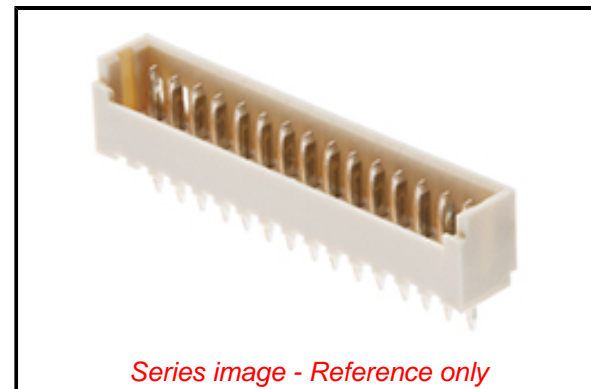
UL E29179

General

Product Family	PCB Headers
Series	<u>53047</u>
3D Viewer	Yes
Application	Signal, Wire-to-Board
CURRENT-MAX-NUMERIC	1.0
Current Derating Order No	987651-3691
Overview	<u>PicoBlade Connector System</u>
PITCH-MATING-NUMERIC	1.25
Product Name	PicoBlade
UPC	800753750180

Physical

Breakaway	No
Circuits (Loaded)	12
Circuits (maximum)	12
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	235.800/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



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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