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Part Number: **0530471010**
Status: **Active**
Overview: PicoBlade Connector System
Description: 1.25mm Pitch, PicoBlade PCB Header, Single Row, Vertical, Through Hole, Tin Plating, Friction Lock, 10 Circuits, Tray, 2.30mm PC Tail Length

Documents:

3D Model	Product Specification 510211010-PS-000 (PDF)
Drawing (PDF)	Product Specification PS-51021-010-001 (PDF)
2D Drawing (DXF)	Application Specification 510210000-AS-000 (PDF)
2D Drawing DXF (PDF)	Packaging Specification SPK-53047-001-001 (PDF)
3D Model (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

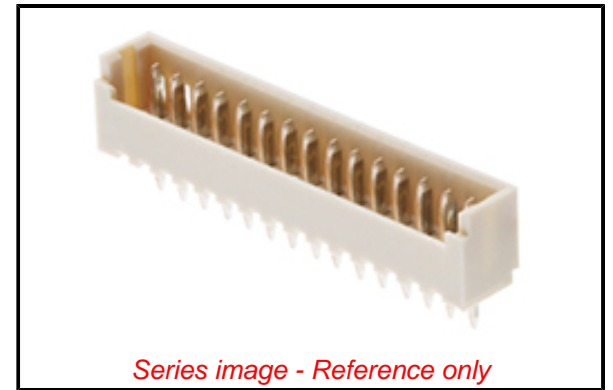
UL E29179

General

Product Family	PCB Headers
Series	53047
Application	Signal, Wire-to-Board
Current Derating Order No	987651-3691
Overview	PicoBlade Connector System
Product Name	PicoBlade
UPC	800753565852

Physical

Breakaway	No
Circuits (Loaded)	10
Circuits (maximum)	10
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	200.200/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
Termination Interface: Style	Through Hole



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

[53047 Series](#)

Mates With

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

Electrical

Current - Maximum per Contact
Voltage - Maximum

1.0A
125V

Material Info**Reference - Drawing Numbers**

Application Specification
Packaging Specification
Product Specification
Sales Drawing

510210000-AS-000
SPK-53047-001-001
510211010-PS-000, PS-51021-010-001
530470000-SD-000

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