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Part Number: **0530470710**
Status: **Active**
Overview: PicoBlade Connector System
Description: 1.25mm Pitch, PicoBlade PCB Header, Single Row, Vertical, Through Hole, Tin Plating, Friction Lock, 7 Circuits, Tray, 2.30mm PC Tail Length

Documents:

3D Model	Product Specification 510211010-PS-000 (PDF)
2D Drawing (DXF)	Product Specification PS-51021-010-001 (PDF)
2D Drawing DXF (PDF)	Application Specification 510210000-AS-000 (PDF)
Drawing (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	<u>53047</u>
Application	Signal, Wire-to-Board
Current Derating Order No	987651-3691
Overview	<u>PicoBlade Connector System</u>
Product Name	PicoBlade
UPC	800753565838

Physical

Breakaway	No
Circuits (Loaded)	7
Circuits (maximum)	7
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	146.800/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
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

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, PS-51021-010-001

Sales Drawing

530470000-SD-000

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