

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: **0530470910**
Status: **Active**
Overview: PicoBlade Connector System
Description: 1.25mm Pitch, PicoBlade PCB Header, Single Row, Vertical, Through Hole, Tin Plating, Friction Lock, 9 Circuits, Tray, 2.30mm PC Tail Length

Documents:

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

Agency Certification

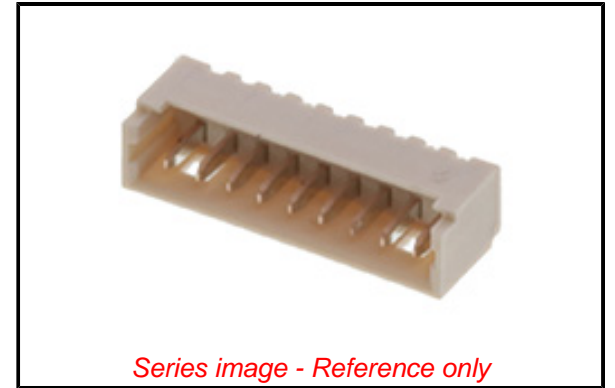
UL E29179

General

Product Family	PCB Headers
Series	<u>53047</u>
Application	Signal, Wire-to-Board
Component Type	PCB Header
Overview	<u>PicoBlade Connector System</u>
Product Name	PicoBlade
Taxonomy	PCB Headers and Receptacles
UPC	800753750531

Physical

Breakaway	No
Circuits (Loaded)	9
Circuits (maximum)	9
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	182.400/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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained per -
D(2022)9120-DC (17
Jan 2023)

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

Temperature Range - Operating -40° to +85°C
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

This document was generated on 03/20/2023

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION