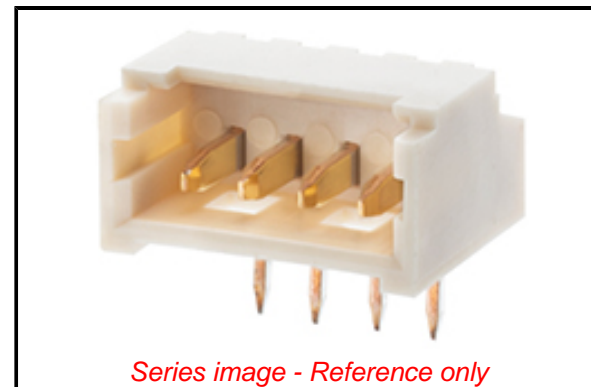


PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0530480750](#)
Status: **Active**
Overview: [PicoBlade Connector System](#)
Description: 1.25mm Pitch, PicoBlade PCB Header, Single Row, Right-Angle, Through Hole, Gold (Au) Plating, Friction Lock, 7 Circuits, Tape and Reel, 2.30mm PC Tail Length

Documents:

3D Model	Application Specification 510210000-AS-000 (PDF)
Drawing (PDF)	Packaging Specification SPK-53048-001-001 (PDF)
3D Model (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification 510210000-PS-000 (PDF)	



Agency Certification

UL E29179

General

Product Family	PCB Headers
Series	53048
Application	Signal, Wire-to-Board
Overview	PicoBlade Connector System
Product Name	PicoBlade
UPC	191128467513

Physical

Breakaway	No
Circuits (Loaded)	7
Circuits (maximum)	7
Color - Resin	Natural
Durability (mating cycles max)	30
First Mate / Last Break	No
Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Mated Height	3.50mm
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Matte Tin
Material - Resin	Polyamide
Net Weight	174.576/mg
Number of Rows	1
Orientation	Right Angle
PC Tail Length	2.30mm
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	0.80mm
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	1.25mm
Plating min - Mating	0.380µm
Plating min - Termination	1.000µm
Shrouded	Fully
Stackable	No
Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Through Hole

Electrical

Current - Maximum per Contact 1.0A

EU ELV

Not Relevant

EU RoHS

Compliant
REACH SVHC

Not Contained Per -
ECHA_01_2020 (16
January 2020

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

[53048 Series](#)

Mates With

PicoBlade Housing [51021](#)

Voltage - Maximum 125V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Application Specification	510210000-AS-000
Packaging Specification	SPK-53048-001-001
Product Specification	510210000-PS-000
Sales Drawing	530480000-SD-000

This document was generated on 05/22/2020

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION