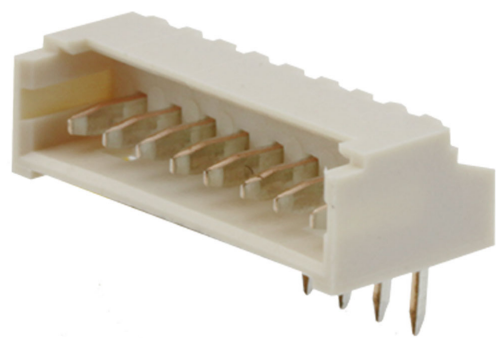




Part Number : [530481410](#)
Product Description : 1.25mm Pitch,
PicoBlade PCB Header, Single Row, Right-
Angle, Through Hole, Tin (Sn) Plating, Friction
Lock, 14 Circuits, Tray, 2.30mm PC Tail
Length
Series Number : 53048
Status : Active
Product Category : PCB Headers and
Receptacles



Documents & Resources

Drawings
[530481410_sd.pdf](#)

3D Models and Design Files
[530481410.dxf](#)
[530481410.pdf](#)
[530481410_stp.zip](#)

Specifications
[510210000-AS-000.pdf](#)
[SPK-53048-001-001.pdf](#)
[510211010-PS-000.pdf](#)
[510211111-PS-000.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)7663-DC (21 Jan 2025)
EU RoHS	Compliant per EU 2015/863

Multiple Part Product Compliance Statements
- Eu RoHS

- REACH SVHC

- Low-Halogen

Multiple Part Industry Compliance Documents

- IPC 1752A Class C

- IPC 1752A Class D

- Molex Product Compliance Declaration

- IEC-62474

- chemSHERPA (xml)

EU RoHS Certificate of Compliance

Part Details

General

Status	Active
Category	PCB Headers and Receptacles
Series	53048
Description	1.25mm Pitch, PicoBlade PCB Header, Single Row, Right-Angle, Through Hole, Tin (Sn) Plating, Friction Lock, 14 Circuits, Tray, 2.30mm PC Tail Length
Application	Signal, Wire-to-Board
Component Type	PCB Header
Product Name	PicoBlade
UPC	800753565982

Agency

UL	E29179
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Electrical

Current - Maximum per Contact	1.0A
Voltage - Maximum	125V

Physical

Breakaway	No
Circuits (Loaded)	14
Circuits (maximum)	14
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 - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Nylon
Net Weight	314.300/mg
Number of Rows	1
Orientation	Right Angle
Packaging Type	Tray
PC Tail Length	2.30mm
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	0.80mm
Pitch - Mating Interface	1.25mm
Polarized to PCB	No
Shrouded	Fully
Stackable	No
Temperature Range - Operating	-40° to +85°C
Termination Interface Style	Through Hole

Mates With / Use With

Mates with Part(s)

Description	Part Number
PicoBlade Single Row Receptacle Housings	<u>51021</u>
PicoBlade Female-to-PicoBlade Female Off-the-Shelf (OTS) Cable Assemblies	<u>15134</u>

This document was generated on Mar 14, 2025