



Part Number : 530480860

Series Number : 53048

Product Category : PCB Headers and Receptacles

Product Description : 1.25mm Pitch, PicoBlade PCB Header, Single Row, Right-Angle, Through Hole, Gold Flash Plating, Friction Lock, 8 Circuits, Tray, 2.30mm PC Tail Length

Status : Active

Documents & Resources

Drawings

Drawing 530480860_sd.pdf

3D Models and Design Files

2D Drawing DXF 530480860.dxf

2D Drawing DXF (PDF) 530480860.pdf

3D Model 530480860_stp.zip

Specifications

Application Specification 510210000-AS-000.pdf

Packaging Specification SPK-53048-001-001.pdf

Product Specification 510210000-PS-000.pdf

Product Specification 510211000-PS-000.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)8585-DC (23 Jan 2024)
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, Gold Flash Plating, Friction Lock, 8 Circuits, Tray, 2.30mm PC Tail Length
Application	Signal, Wire-to-Board
Component Type	PCB Header
Product Family	PicoBlade Connector System
Product Name	PicoBlade
UPC	193264604289

Agency

UL	E29179
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Electrical

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

Physical

Breakaway	No
Circuits (Loaded)	8
Circuits (maximum)	8
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 - Resin	Nylon
Net Weight	194.960/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
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>