



Part Number : 510470400

Series Number : 51047

Product Category : Connector Housings

Product Description : 1.25mm Pitch,
PicoBlade Plug Crimp Housing, Single Row,
Friction Lock, 4 Circuits, Natural

Status : Active

Documents & Resources

Drawings

Drawing 510470400_sd.pdf

3D Models and Design Files

- 2D Drawing DXF 510470400.dxf
- 2D Drawing DXF (PDF) 510470400.pdf
- 3D Model 510470400_stp.zip

Specifications

- Application Specification 510210001-AS-000.pdf
- Packaging Specification 510479200-SPK-200.pdf
- Product Specification 510211009-PS-000.pdf
- Product Specification 510211109-PS-000.pdf
- Product Specification PS-51021-009-001.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(2024)4144-DC (27 June 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	Connector Housings
Series	51047
Description	1.25mm Pitch, PicoBlade Plug Crimp Housing, Single Row, Friction Lock, 4 Circuits, Natural
Application	Signal, Wire-to-Wire
Product Family	PicoBlade Connector System
Product Name	PicoBlade
UPC	800753756922

Agency

UL	E29179
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Physical

Circuits (maximum)	4
Color - Resin	Natural
Gender	Plug
Glow-Wire Capable	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Resin	Polyester
Net Weight	0.080/g
Number of Rows	1
Packaging Type	Bag
Panel Mount	No

Pitch - Mating Interface	1.25mm
Polarized to Mating Part	Yes
Stackable	No
Temperature Range - Operating	-40° to +85°C

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>

Use with Part(s)

Description	Part Number
PicoBlade Male Crimp Terminals	<u>50125</u>
PicoBlade Male Crimp Terminals	<u>50133</u>
Pre-Crimped Lead PicoBlade Male-to-PicoBlade Male	<u>214922</u>
Pre-Crimped Lead PicoBlade Male-to-Pigtail	<u>214923</u>