



Part Number : 510471000

Series Number : 51047

Product Category : Connector Housings

Product Description : 1.25mm Pitch,
PicoBlade Plug Crimp Housing, Single Row,
Friction Lock, 10 Circuits, Natural

Status : Active

Documents & Resources

Drawings

Drawing 510471000_sd.pdf

3D Models and Design Files

- 2D Drawing DXF 510471000.dxf
- 2D Drawing DXF (PDF) 510471000.pdf
- 3D Model 510471000_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, 10 Circuits, Natural
Application	Signal, Wire-to-Wire
Product Family	PicoBlade Connector System
Product Name	PicoBlade
UPC	800753756946

Agency

UL	E29179
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Physical

Circuits (maximum)	10
Color - Resin	Natural
Gender	Plug
Glow-Wire Capable	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Resin	Polyester
Net Weight	171.100/mg
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>