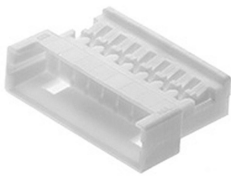




**Part Number :** [510470600](#)  
**Product Description :** 1.25mm Pitch,  
PicoBlade Plug Crimp Housing, Single Row,  
Friction Lock, 6 Circuits, Natural  
**Series Number :** 51047  
**Status :** Active  
**Product Category :** Connector Housings



## Documents & Resources


**Drawings**  
[510470600\\_sd.pdf](#)

**3D Models and Design Files**  
[510470600.dxf](#)  
[510470600.pdf](#)  
[510470600\\_stp.zip](#)

**Specifications**  
[510210001-AS-000.pdf](#)  
[510479200-SPK-200.pdf](#)  
[510211009-PS-000.pdf](#)  
[510211109-PS-000.pdf](#)  
[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)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

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### Part Details

#### General

Status	Active
Category	Connector Housings
Series	51047
Description	1.25mm Pitch, PicoBlade Plug Crimp Housing, Single Row, Friction Lock, 6 Circuits, Natural
Application	Signal, Wire-to-Wire
Product Name	PicoBlade
UPC	800753575233

#### Agency

UL	E29179
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#### Physical

Circuits (maximum)	6
Color - Resin	Natural
Gender	Plug
Glow-Wire Capable	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Resin	Polyester
Net Weight	111.700/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

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## 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>

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