



Part Number : [510210600](#)

Product Description : 1.25mm Pitch, PicoBlade Receptacle Crimp Housing, Single Row, Friction Lock, 6 Circuits, Natural

Series Number : 51021

Status : Active

Product Category : Connector Housings

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## Documents & Resources

### Drawings

[Drawing 510210600\\_sd.pdf](#)

### 3D Models and Design Files

[2D Drawing DXF 510210600.dxf](#)

[2D Drawing DXF \(PDF\) 510210600.pdf](#)

[3D Model 510210600\\_stp.zip](#)

### Specifications

[Application Specification 510210000-AS-000.pdf](#)

[Application Specification 510210001-AS-000.pdf](#)

[Packaging Specification SPK-51021-001-001.pdf](#)

[Product Specification 510210000-PS-000.pdf](#)

[Product Specification 510210001-PS-000.pdf](#)

[Product Specification 510210006-PS-000.pdf](#)

[Product Specification 510211000-PS-000.pdf](#)

[Product Specification 510211001-PS-000.pdf](#)

[Product Specification 510211009-PS-000.pdf](#)

[Product Specification 510211010-PS-000.pdf](#)

[Product Specification 510211024-PS-000.pdf](#)

[Product Specification 510211109-PS-000.pdf](#)

[Product Specification 510211110-PS-000.pdf](#)

[Product Specification 510211111-PS-000.pdf](#)

[Product Specification 510211124-PS-000.pdf](#)

[Product Specification PS-51021-009-001.pdf](#)


[Product Specification PS-51021-024-001.pdf](#)

[Product Specification PS-51021-025-001.pdf](#)

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## Product Environment Compliance

### Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Compliant per 2000/53/EC

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

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## Part Details

### General

Status	Active
Category	Connector Housings
Series	51021
Description	1.25mm Pitch, PicoBlade Receptacle Crimp Housing, Single Row, Friction Lock, 6 Circuits, Natural
Application	Signal, Wire-to-Board, Wire-to-Wire
Product Family	PicoBlade Connector System
Product Name	PicoBlade
UPC	800753750456

### Agency

CSA	LR19980
UL	E29179

### Physical

Circuits (maximum)	6
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Color - Resin	Natural
Flammability	94V-0
Gender	Receptacle
Glow-Wire Capable	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Resin	Polyester
Net Weight	58.250/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 +105°C

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## Mates With / Use With

### Mates with Part(s)

Description	Part Number
PicoBlade Vertical, Single Row, Through Hole Headers	<u><a href="#">53047</a></u>
PicoBlade Right-Angle, Single Row, Through Hole Headers	<u><a href="#">53048</a></u>
PicoBlade Right-Angle, Single Row, Surface Mount Headers	<u><a href="#">53261</a></u>
PicoBlade Vertical, Single Row, Surface Mount Headers	<u><a href="#">53398</a></u>
PicoBlade Single Row Plug Housings	<u><a href="#">51047</a></u>

### Use with Part(s)

Description	Part Number
Pre-Crimped Lead PicoBlade Female-to-PicoBlade Female, Tin (Sn) Plating, 150.00mm Length, 26 AWG, Black	<u><a href="#">/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/797580006.html</a></u>

Pre-Crimped Lead PicoBlade Female-to-PicoBlade Female, Tin (Sn) Plating, 300.00mm Length, 26 AWG, Black	<a href="/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/797580014.html">/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/797580014.html</a>
Pre-Crimped Lead PicoBlade Female-to-PicoBlade Female, Tin (Sn) Plating, 152.00mm Length, 28 AWG, Red	<a href="/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/797581059.html">/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/797581059.html</a>
Pre-Crimped Lead PicoBlade Female-to-PicoBlade Female, Tin (Sn) Plating, 304.00mm Length, 28 AWG, Red	<a href="/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/797581060.html">/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/797581060.html</a>
Pre-Crimped Lead PicoBlade Female-to-Pigtail, Tin (Sn) Plating, 304.00mm Length, 28 AWG, Red	<a href="/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/797581061.html">/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/797581061.html</a>
PicoBlade Female Crimp Terminals	<a href="#">50058</a>
PicoBlade Female Crimp Terminals	<a href="#">50079</a>
Pre-Crimped Lead PicoBlade Female-to-PicoBlade Female	<a href="#">214920</a>
Pre-Crimped Lead PicoBlade Female-to-Pigtail	<a href="#">214921</a>