



Part Number : [510211000](#)

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

Series Number : 51021

Status : Active

Product Category : Connector Housings

Documents & Resources

Drawings

[Drawing 510211000_sd.pdf](#)

3D Models and Design Files

[2D Drawing DXF 510211000.dxf](#)

[2D Drawing DXF \(PDF\) 510211000.pdf](#)

[3D Model 510211000_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](#)

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	51021
Description	1.25mm Pitch, PicoBlade Receptacle Crimp Housing, Single Row, Friction Lock, 10 Circuits, Natural
Application	Signal, Wire-to-Board, Wire-to-Wire
Product Family	PicoBlade Connector System
Product Name	PicoBlade
UPC	800753575677

Agency

CSA	LR19980
UL	E29179

Physical

Circuits (maximum)	10
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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
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

Mates With / Use With

Mates with Part(s)

Description	Part Number
PicoBlade Vertical, Single Row, Through Hole Headers	<u>53047</u>
PicoBlade Right-Angle, Single Row, Through Hole Headers	<u>53048</u>
PicoBlade Right-Angle, Single Row, Surface Mount Headers	<u>53261</u>
PicoBlade Vertical, Single Row, Surface Mount Headers	<u>53398</u>
PicoBlade Single Row Plug Housings	<u>51047</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>/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/797580006.html</u>
Pre-Crimped Lead PicoBlade Female-to-PicoBlade Female, Tin (Sn) Plating, 300.00mm Length, 26 AWG, Black	<u>/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/797580014.html</u>

Pre-Crimped Lead PicoBlade Female-to-PicoBlade Female, Tin (Sn) Plating, 152.00mm Length, 28 AWG, Red	/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/797581059.html
Pre-Crimped Lead PicoBlade Female-to-PicoBlade Female, Tin (Sn) Plating, 304.00mm Length, 28 AWG, Red	/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/797581060.html
Pre-Crimped Lead PicoBlade Female-to-Pigtail, Tin (Sn) Plating, 304.00mm Length, 28 AWG, Red	/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/797581061.html
PicoBlade Female Crimp Terminals	50058
PicoBlade Female Crimp Terminals	50079
Pre-Crimped Lead PicoBlade Female-to-PicoBlade Female	214920
Pre-Crimped Lead PicoBlade Female-to-Pigtail	214921