



Part Number : 510210500

Product Description : 1.25mm Pitch,
PicoBlade Receptacle Crimp Housing, Single
Row, Friction Lock, 5 Circuits, Natural

Series Number : 51021

Status : Active

Product Category : Connector Housings

Documents & Resources

Drawings

Drawing 510210500_sd.pdf

3D Models and Design Files

2D Drawing DXF 510210500.dxf

2D Drawing DXF (PDF) 510210500.pdf

3D Model 510210500_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	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

Part Details

General

Status	Active
Category	Connector Housings
Series	51021
Description	1.25mm Pitch, PicoBlade Receptacle Crimp Housing, Single Row, Friction Lock, 5 Circuits, Natural
Application	Signal, Wire-to-Board, Wire-to-Wire
Product Family	PicoBlade Connector System
Product Name	PicoBlade
UPC	800753575639

Agency

CSA	LR19980
UL	E29179

Physical

Circuits (maximum)	5
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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	50.225/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

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	/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/797580014.html
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