



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

[510210500_sd.pdf](#)

3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

[510210500.dxf](#)

Specifications

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

[PS-51021-009-001.pdf](#)
[PS-51021-024-001.pdf](#)
[PS-51021-025-001.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	 per SJ/T 11365-2006
EU ELV	Compliant per 2000/53/EC
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)4165-DC (25 June 2025)
EU RoHS	Compliant per EU 2015/863

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

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 Name	PicoBlade
UPC	800753575639

Agency

CSA	LR19980
UL	E29179

Physical

Circuits (maximum)	5
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>797580006</u>
Pre-Crimped Lead PicoBlade Female-to-PicoBlade Female, Tin (Sn) Plating, 300.00mm Length, 26 AWG, Black	<u>797580014</u>
Pre-Crimped Lead PicoBlade Female-to-PicoBlade Female, Tin (Sn) Plating, 152.00mm Length, 28 AWG, Red	<u>797581059</u>
Pre-Crimped Lead PicoBlade Female-to-PicoBlade Female, Tin (Sn) Plating, 304.00mm Length, 28 AWG, Red	<u>797581060</u>
Pre-Crimped Lead PicoBlade Female-to-Pigtail, Tin (Sn) Plating, 304.00mm Length, 28 AWG, Red	<u>797581061</u>
PicoBlade Female Crimp Terminals	<u>50058</u>
PicoBlade Female Crimp Terminals	<u>50079</u>
Pre-Crimped Lead PicoBlade Female-to-PicoBlade Female	<u>214920</u>
Pre-Crimped Lead PicoBlade Female-to-Pigtail	<u>214921</u>