



**Part Number :** [510211200](#)  
**Product Description :** 1.25mm Pitch,  
PicoBlade Receptacle Crimp Housing, Single  
Row, Friction Lock, 12 Circuits, Natural  
**Series Number :** 51021  
**Status :** Active  
**Product Category :** Connector Housings



## Documents & Resources

### Drawings

[510211200\\_sd.pdf](#)

### 3D Models and Design Files

[510211200.dxf](#)

[510211200.pdf](#)

[510211200\\_stp.zip](#)

### Specifications

[510210000-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](#)

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

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

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

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

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

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

[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)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

---

## Part Details

### General

Status	Active
Category	Connector Housings
Series	51021
Description	1.25mm Pitch, PicoBlade Receptacle Crimp Housing, Single Row, Friction Lock, 12 Circuits, Natural
Application	Signal, Wire-to-Board, Wire-to-Wire
Product Name	PicoBlade
UPC	800753575264

### Agency

CSA	LR19980
UL	E29179

### Physical

Circuits (maximum)	12
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	0.120/g
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>

---

This document was generated on Mar 14, 2025