



**Part Number :** [510211100](#)

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

**Series Number :** 51021

**Status :** Active

**Product Category :** Connector Housings

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## Documents & Resources

### Drawings

[510211100\\_sd.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

[510211100.dxf](#)

### 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](#)

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# Product Environment Compliance

## Compliance

|                    |  |
|--------------------|--|
| GADSL/IMDS         | Not Relevant   |
| China RoHS         | <br>per SJ/T 11365-2006 |
| EU ELV             | Not Relevant   |
| Low-Halogen Status | Not Low-Halogen per IEC<br>61249-2-21  |
| REACH SVHC         | Not Contained per D(2025)4165-DC<br>(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

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## Part Details

### General

|              |  |
|--------------|--|
| Status       | Active   |
| Category     | Connector Housings   |
| Series       | 51021  |
| Description  | 1.25mm Pitch, PicoBlade<br>Receptacle Crimp Housing, Single<br>Row, Friction Lock, 11 Circuits,<br>Natural |
| Application  | Signal, Wire-to-Board, Wire-to-Wire  |
| Product Name | PicoBlade  |

|     |              |
|-----|--------------|
| UPC | 800753750463 |
|-----|--------------|

## Agency

|     |         |
|-----|---------|
| CSA | LR19980 |
| UL  | E29179  |

## Physical

|                               |                |
|-------------------------------|----------------|
| Circuits (maximum)            | 11             |
| 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                    | 98.375/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>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>    |

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