**Part Number :** 510211700
**Product Description :** 1.25mm Pitch, PicoBlade Receptacle Crimp Housing, Single Row, Friction Lock, 17 Circuits, Natural
**Series Number :** 51021
**Status :** Obsolete
**Product Category :** Connector Housings



Obsolete

## Documents and Resources

### Specifications

SPK-51021-001-001.pdf

510210006-PS-000.pdf

510211001-PS-000.pdf

510211024-PS-000.pdf

PS-51021-024-001.pdf

## Product Environment Compliance

### Compliance

| | |
|---|---|
| GADSL/IMDS | Not Relevant |
| China RoHS | per SJ/T 11365-2006 |
| EU ELV | Not Relevant |
| Low-Halogen Status | Not Low-Halogen per IEC 61249-2-21 |
| REACH SVHC | Not Contained per D(2025)7771-DC (04 Feb 2026) |
| 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

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- chemSHERPA (xml)

Substances of Interest
- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

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## Part Details

### General

| | |
|---|---|
| Status | Obsolete |
| Category | Connector Housings |
| Series | 51021 |
| Description | 1.25mm Pitch, PicoBlade Receptacle Crimp Housing, Single Row, Friction Lock, 17 Circuits, Natural |
| Application | Wire-to-Board, Wire-to-Wire |
| Component Type | Receptacle |
| Product Name | PicoBlade |
| UPC | 800753750494 |

### Agency

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

### Physical

| | |
|---|---|
| Circuits (maximum) | 17 |
| Color - Resin | Natural |
| Flammability | 94V-0 |
| Gender | Receptacle |
| Glow-Wire Capable | No |
| Lock to Mating Part | Yes |
| Material - Resin | Polyester |
| Net Weight | 146.500/mg |
| Number of Rows | 1 |
| Packaging Type | Bag |
| Panel Mount | No |

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| | |
|---|---|
| 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 | 53047 |
| PicoBlade Right-Angle, Single Row, Through Hole Headers | 53048 |
| PicoBlade Right-Angle, Single Row, Surface Mount Headers | 53261 |
| PicoBlade Vertical, Single Row, Surface Mount Headers | 53398 |
| PicoBlade Single Row Plug Housings | 51047 |

### Use with Part(s)

| Description | Part Number |
|---|---|
| Pre-Crimped Lead PicoBlade Female-to-PicoBlade Female, Tin (Sn) Plating, 150.00mm Length, 26 AWG, Black | 797580006 |
| Pre-Crimped Lead PicoBlade Female-to-PicoBlade Female, Tin (Sn) Plating, 300.00mm Length, 26 AWG, Black | 797580014 |
| Pre-Crimped Lead PicoBlade Female-to-PicoBlade Female, Tin (Sn) Plating, 152.00mm Length, 28 AWG, Red | 797581059 |
| Pre-Crimped Lead PicoBlade Female-to-PicoBlade Female, Tin (Sn) Plating, 304.00mm Length, 28 AWG, Red | 797581060 |
| Pre-Crimped Lead PicoBlade | 797581061 |

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| | |
|---|---|
| Female-to-Pigtail, Tin (Sn) Plating, 304.00mm  Length, 28 AWG, Red | |
| 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 |



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