**Part Number :** 510210300
**Product Description :** 1.25mm Pitch, PicoBlade Receptacle Crimp Housing, Single Row, Friction Lock, 3 Circuits, Natural
**Status :** Active
**Product Category :** Connector Housings



## Documents and Resources

### Drawings

510210300_sd.pdf

### 3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

510210300.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

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## Part Details

### General

| | |
|---|---|
| Status | Active |
| Category | Connector Housings |
| Series | 51021 |
| Description | 1.25mm Pitch, PicoBlade Receptacle Crimp Housing, Single Row, Friction Lock, 3 Circuits, Natural |
| Application | Wire-to-Board, Wire-to-Wire |
| Component Type | Receptacle |
| Product Name | PicoBlade |
| UPC | 800753575608 |

### Agency

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

### Physical

| | |
|---|---|
| Circuits (maximum) | 3 |
| Color - Resin | Natural |
| Flammability | 94V-0 |
| Gender | Receptacle |
| Glow-Wire Capable | No |
| Keying to Mating Part | No |
| Lock to Mating Part | Yes |
| Material - Resin | Polyester |
| Net Weight | 34.175/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 |
|---|
| PicoBlade Vertical, Single Row, Through Hole Headers |
| PicoBlade Right-Angle, Single Row, Through Hole Headers |
| PicoBlade Right-Angle, Single Row, Surface Mount Headers |
| PicoBlade Vertical, Single Row, Surface Mount Headers |
| PicoBlade Single Row Plug Housings |

### Use with Part(s)

| Description |
|---|
| Pre-Crimped Lead PicoBlade Female-to-PicoBlade Female, Tin (Sn) Plating, 150.00mm Length, 26 AWG, Black |
| Pre-Crimped Lead PicoBlade Female-to-PicoBlade Female, Tin (Sn) Plating, 300.00mm Length, 26 AWG, Black |
| Pre-Crimped Lead PicoBlade Female-to-PicoBlade Female, Tin (Sn) Plating, 152.00mm Length, 28 AWG, Red |
| Pre-Crimped Lead PicoBlade Female-to-PicoBlade Female, Tin (Sn) Plating, 304.00mm Length, 28 AWG, Red |
| Pre-Crimped Lead PicoBlade Female-to-Pigtail, Tin (Sn) Plating, 304.00mm Length, 28 AWG, Red |
| PicoBlade Female Crimp Terminals |
| PicoBlade Female Crimp Terminals |
| Pre-Crimped Lead PicoBlade Female-to-PicoBlade Female |
| Pre-Crimped Lead PicoBlade Female-to-Pigtail |