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Part Number: [0510210300](#)
Status: **Active**
Overview: [PicoBlade Connector System](#)
Description: 1.25mm Pitch, PicoBlade Receptacle Crimp Housing, Single Row, Friction Lock, 3 Circuits, Natural

Documents:

| | |
|--------------------------------------------------------------|------------------------------------------------------------------|
| 3D Model | Product Specification PS-51021-009-001 (PDF) |
| 3D Model (PDF) | Product Specification PS-51021-010-001 (PDF) |
| Drawing (PDF) | Product Specification PS-51021-024-001 (PDF) |
| Product Specification 510210000-PS-000 (PDF) | Product Specification PS-51021-025-001 (PDF) |
| Product Specification 510210001-PS-000 (PDF) | Product Specification PS-51021-026-001 (PDF) |
| Product Specification 510211000-PS-000 (PDF) | Product Specification PS-51021-027-001 (PDF) |
| Product Specification 510211001-PS-000 (PDF) | Application Specification 510210000-AS-000 (PDF) |
| Product Specification 510211009-PS-000 (PDF) | Application Specification 510210001-AS-000 (PDF) |
| Product Specification 510211010-PS-000 (PDF) | Packaging Specification SPK-51021-001-001 (PDF) |
| Product Specification 510211024-PS-000 (PDF) | RoHS Certificate of Compliance (PDF) |

Agency Certification

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

General

| | |
|---------------------------|--------------------------------------------|
| Product Family | Crimp Housings |
| Series | 51021 |
| Application | Signal, Wire-to-Board, Wire-to-Wire |
| Current Derating Order No | 987651-3691 |
| Overview | PicoBlade Connector System |
| Product Name | PicoBlade |
| UPC | 800753575608 |

Physical

| | |
|-------------------------------|----------------|
| Circuits (maximum) | 3 |
| 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 | 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 |

Material Info

Reference - Drawing Numbers

| | |
|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Application Specification | 510210000-AS-000, 510210001-AS-000 |
| Packaging Specification | SPK-51021-001-001 |
| Product Specification | 510210000-PS-000, 510210001-PS-000, 510211000-PS-000, 510211001-PS-000, 510211009-PS-000, 510211010-PS-000, 510211024-PS-000, PS-51021-009-001, PS-51021-010-001, |



EU ELV

Compliant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2020)4578-DC (25
June 2020)

Halogen-Free

Status

Not Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Compliant

Not Contained

Search Parts in this Series

[51021 Series](#)

Mates With

[PicoBlade Right Angle SMT Header 53261](#)

 [PicoBlade Vertical Thru-Hole Header 53047](#)
 [PicoBlade Vertical SMT Header 53398](#)
 [PicoBlade Right Angle Thru-Hole Header 53048](#)
 [PicoBlade Wire-to-Wire Plug Housing 51047](#)

Use With

[PicoBlade Crimp Terminal 50058](#) , [50079](#)

 [PicoBlade Pre-Crimped Lead 214920](#) , [214921](#)

Sales Drawing

PS-51021-024-001, PS-51021-025-001,
PS-51021-026-001, PS-51021-027-001
SD-51021-002, SD-51021-005

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