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Part Number: **0510210400**
Status: **Active**
Overview: PicoBlade Connector System
Description: 1.25mm Pitch, PicoBlade Receptacle Crimp Housing, Single Row, Friction Lock, 4 Circuits, Natural

Documents:

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

Agency Certification

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

General

| | |
|---------------------------|-------------------------------------|
| Product Family | Crimp Housings |
| Series | <u>51021</u> |
| Application | Signal, Wire-to-Board, Wire-to-Wire |
| Current Derating Order No | 987651-3691 |
| Overview | <u>PicoBlade Connector System</u> |
| Product Name | PicoBlade |
| UPC | 800753575615 |

Physical

| | |
|-------------------------------|----------------|
| Circuits (maximum) | 4 |
| 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 | 42.200/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, PS-51021-009-001, PS-51021-010-001, PS-51021-024-001, PS-51021-025-001, PS-51021-026-001, PS-51021-027-001 |
| Sales Drawing | SD-51021-002, SD-51021-005 |



Series image - Reference only

EU ELV
Compliant

EU RoHS
Compliant

REACH SVHC
Not Contained Per -
ECHA_01_2020 (16
January 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](#) [PicoBlade Cable Assembly 214920](#) , [214921](#)

Use With

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

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