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Part Number: **0510210400**
Status: **Active**
Overview: PicoBlade Connector System
Description: 1.25mm Pitch PicoBlade Wire-to-Wire and Wire-to-Board Housing, Female, 4 Circuits, Natural

Documents:

| | |
|--|--|
| 3D Model | Product Specification PS-51021-023-001 (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 PS-51021-001-001 (PDF) | Product Specification PS-51021-027-001 (PDF) |
| Product Specification PS-51021-002-001 (PDF) | Application Specification 510210000-AS-000 (PDF) |
| Product Specification PS-51021-009-001 (PDF) | Application Specification 510210001-AS-000 (PDF) |
| Product Specification PS-51021-010-001 (PDF) | Packaging Specification SPK-51021-001-001 (PDF) |
| Product Specification PS-51021-011-001 (PDF) | RoHS Certificate of Compliance (PDF) |
| Product Specification PS-51021-022-001 (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 |
| 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 +85°C |

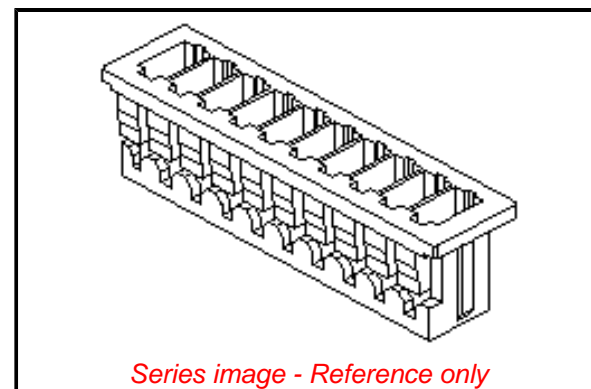
Electrical

| | |
|-------------------------------|------------|
| Current - Maximum per Contact | 0.8A, 1.0A |
|-------------------------------|------------|

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-51021-001-001, PS-51021-002-001, |



Series image - Reference only

EU ELV
Compliant

EU RoHS
Compliant

China RoHS

REACH SVHC

Not Contained Per -
ED/61/2018 (27 June
2018)

Halogen-Free
Status

Not Low-Halogen

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

China ROHS

Green Image

ELV

Compliant

RoHS Phthalates

Not Contained

Search Parts in this Series

51021 Series

Mates With

53261 1.25mm Pitch PicoBlade Right Angle SMT Header, 53047 1.25mm Pitch PicoBlade Vertical Thru-Hole Header, 53398 1.25mm Pitch PicoBlade Vertical SMT Header, 53048 1.25mm Pitch PicoBlade Right Angle Thru-Hole Header

Use With

50058 Crimp Terminal, 50079 Crimp Terminal

Sales Drawing

PS-51021-009-001, PS-51021-010-001,
PS-51021-011-001, PS-51021-022-001,
PS-51021-023-001, 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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