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Part Number: **0510210700**
Status: **Active**
Overview: PicoBlade™ Connector System
Description: 1.25mm Pitch PicoBlade™ Wire-to-Wire and Wire-to-Board Housing, Female, 7 Circuits

Documents:

| | |
|--------------------------------------------------------------|-----------------------------------------------------------------|
| 3D Model | Product Specification PS-51021-023-001 (PDF) |
| Drawing (PDF) | Product Specification PS-51021-024-001 (PDF) |
| Product Specification PS-51021-001-001 (PDF) | Product Specification PS-51021-025-001 (PDF) |
| Product Specification PS-51021-002-001 (PDF) | Product Specification PS-51021-026-001 (PDF) |
| Product Specification PS-51021-009-001 (PDF) | Product Specification PS-51021-027-001 (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 | 51021 |
| Application | Signal, Wire-to-Board, Wire-to-Wire |
| Current Derating Order No | 987651-3691 |
| Overview | PicoBlade™ Connector System |
| Product Name | PicoBlade™ |
| UPC | 800753575646 |

Physical

| | |
|-------------------------------|----------------|
| Circuits (maximum) | 7 |
| Color - Resin | Natural |
| Flammability | 94V-0 |
| Gender | Female |
| Glow-Wire Compliant | No |
| Lock to Mating Part | Yes |
| Material - Resin | Polyester |
| Net Weight | 66.300/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°C to +85°C |

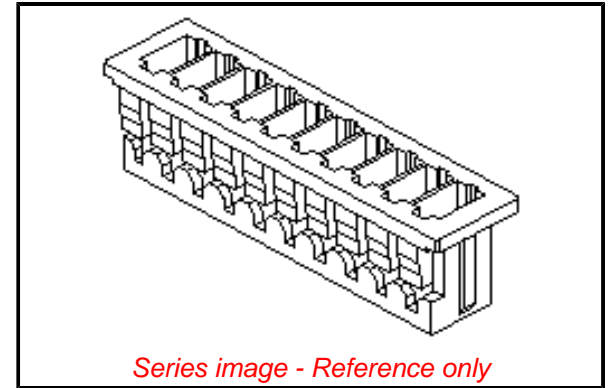
Electrical

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

Material Info

Reference - Drawing Numbers

| | |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Packaging Specification | SPK-51021-001-001 |
| Product Specification | PS-51021-001-001, PS-51021-002-001, PS-51021-009-001, PS-51021-010-001, PS-51021-011-001, PS-51021-022-001, PS-51021-023-001, PS-51021-024-001, |



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ED/21/2016 (20 June
2016)

Halogen-Free

Status

Not Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

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

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