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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

Documents:

| | |
|--|---|
| 3D Model | Product Specification PS-51021-023 (PDF) |
| Drawing (PDF) | Product Specification PS-51021-024 (PDF) |
| Product Specification PS-51021-001 (PDF) | Product Specification PS-51021-025 (PDF) |
| Product Specification PS-51021-002 (PDF) | Product Specification PS-51021-026 (PDF) |
| Product Specification PS-51021-009 (PDF) | Product Specification PS-51021-027 (PDF) |
| Product Specification PS-51021-010 (PDF) | Product Specification PS-51021-028 (PDF) |
| Product Specification PS-51021-011 (PDF) | Packaging Specification SPK-51021-001 (PDF) |
| Product Specification PS-51021-022 (PDF) | RoHS Certificate of Compliance (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 |
| MolexKits | Yes |
| Overview | <u>PicoBlade™ Connector System</u> |
| Product Name | PicoBlade™ |
| UPC | 800753575615 |

Physical

| | |
|-------------------------------|----------------|
| Circuits (maximum) | 4 |
| Color - Resin | Natural |
| Flammability | 94V-0 |
| Gender | Female |
| Glow-Wire Compliant | 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°C to +85°C |

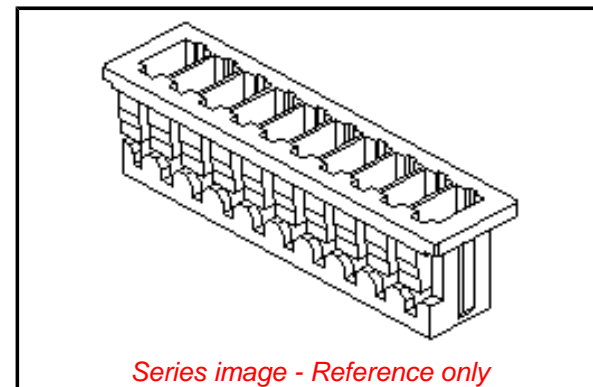
Electrical

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

Material Info

Reference - Drawing Numbers

| | |
|-------------------------|---|
| Packaging Specification | SPK-51021-001 |
| Product Specification | PS-51021-001, PS-51021-002, PS-51021-009, PS-51021-010, PS-51021-011, PS-51021-022, PS-51021-023, PS-51021-024, PS-51021-025, PS-51021-026, PS-51021-027, PS-51021-028, |



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Contains SVHC(2015 June 15): No

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

Green Image

Not Relevant

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

RPS-51021-001, RPS-51021-002, RPS-51021-003,
RPS-51021-004, RPS-51021-006, RPS-51021-007,
RPS-51021-008, RPS-51021-009, RPS-51021-010,
RPS-51021-011, RPS-51021-013, RPS-51021-014,
RPS-51021-016, RPS-51021-018, RPS-51021-020,
RPS-51021-021, RPS-51021-022, RPS-51021-023,
RPS-51021-024, RPS-51021-025, RPS-51021-027,
RPS-51021-028, RPS-51021-030, RPS-51021-031,
RPS-51021-032, RPS-51021-033, RPS-51021-034,
RPS-51021-037, RPS-51021-038, RPS-51021-039,
RPS-51021-040, RPS-51021-041, RPS-51021-042,
RPS-51021-043, RPS-51021-044, RPS-51021-045,
RPS-51021-046, RPS-51021-047, RPS-51021-048,
RPS-51021-051, RPS-51021-052, RPS-51021-053,
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RPS-51021-092, RPS-51021-096, RPS-51021-097,
RPS-51021-101, RPS-51021-102, RPS-51021-103,
RPS-51021-104, RPS-51021-105, RPS-51021-107,
RPS-51021-108, RPS-51021-110, RPS-51021-112,
RPS-51021-114, RPS-51021-117, RPS-51021-121,
RPS-51021-122, RPS-53398-002, RPS-53398-037,
RPS-53398-038
SD-51021-002, SD-51021-005

Sales Drawing

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