

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0510210900](#)
Status: **Active**
Overview: [PicoBlade™ Connector System](#)
Description: 1.25mm Pitch PicoBlade™ Wire-to-Wire and Wire-to-Board Housing, Female, 9 Circuits

Documents:

| | |
|--|--|
| 3D Model | Product Specification PS-51021-022 (PDF) |
| Drawing (PDF) | Product Specification PS-51021-023 (PDF) |
| Product Specification 510210001 (PDF) | Product Specification PS-51021-024 (PDF) |
| Product Specification PS-51021-009 (PDF) | Product Specification PS-51021-026 (PDF) |
| Product Specification PS-51021-011 (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 | 800753575660 |

Physical

| | |
|-------------------------------|----------------|
| Circuits (maximum) | 9 |
| Color - Resin | Natural |
| Flammability | 94V-0 |
| Gender | Female |
| Glow-Wire Compliant | No |
| Lock to Mating Part | Yes |
| Material - Resin | Polyester |
| Net Weight | 82.300/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 |

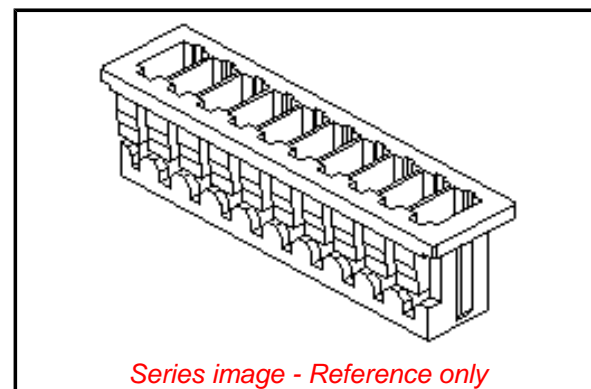
Electrical

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

Material Info

Reference - Drawing Numbers

| | |
|-----------------------|---|
| Product Specification | 510210001, PS-51021-009, PS-51021-011, PS-51021-022, PS-51021-023, PS-51021-024, PS-51021-026, RPS-51021-002, RPS-51021-003, RPS-51021-006, RPS-51021-007, RPS-51021-008, RPS-51021-009, RPS-51021-011, RPS-51021-055 |
| Sales Drawing | SD-51021-002, SD-51021-005 |



Series image - Reference only

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

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

This document was generated on 09/08/2016

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION