

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0510210500](#)
Status: **Active**
Overview: [PicoBlade Connector System](#)
Description: 1.25mm Pitch PicoBlade Wire-to-Wire and Wire-to-Board Housing, Female, 5 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	51021
Application	Signal, Wire-to-Board, Wire-to-Wire
Current Derating Order No	987651-3691
Overview	PicoBlade Connector System
Product Name	PicoBlade
UPC	800753575639

Physical

Circuits (maximum)	5
Color - Resin	Natural
Flammability	94V-0
Gender	Receptacle
Glow-Wire Capable	No
Lock to Mating Part	Yes
Material - Resin	Polyester
Net Weight	50.225/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

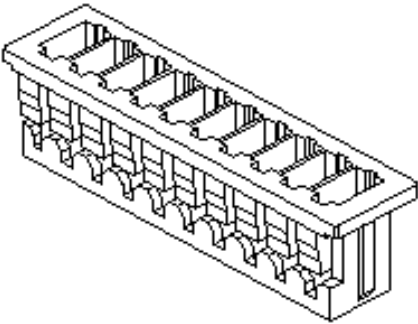
Electrical

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
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

This document was generated on 11/02/2018

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[51021-0500](#)