

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, Natural

Documents:

3D Model	Product Specification PS-51021-022-001 (PDF)
Drawing (PDF)	Product Specification PS-51021-023-001 (PDF)
Product Specification 510210000-PS-000 (PDF)	Product Specification PS-51021-024-001 (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)

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	800753575660

Physical

Circuits (maximum)	9
Color - Resin	Natural
Flammability	94V-0
Gender	Receptacle
Glow-Wire Capable	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° 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, PS-51021-009-001, PS-51021-010-001,



EU ELV

Not Relevant

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

ELV

RoHS Phthalates

China RoHS

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-51021-011-001, PS-51021-022-001,
PS-51021-023-001, PS-51021-024-001,
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:](#)

[51021-0900](#)