

**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:**

<a href="#">3D Model</a>	<a href="#">Product Specification PS-51021-022-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Product Specification PS-51021-023-001 (PDF)</a>
<a href="#">Product Specification 510210000-PS-000 (PDF)</a>	<a href="#">Product Specification PS-51021-024-001 (PDF)</a>
<a href="#">Product Specification 510210001-PS-000 (PDF)</a>	<a href="#">Product Specification PS-51021-025-001 (PDF)</a>
<a href="#">Product Specification PS-51021-001-001 (PDF)</a>	<a href="#">Product Specification PS-51021-026-001 (PDF)</a>
<a href="#">Product Specification PS-51021-002-001 (PDF)</a>	<a href="#">Product Specification PS-51021-027-001 (PDF)</a>
<a href="#">Product Specification PS-51021-009-001 (PDF)</a>	<a href="#">Packaging Specification SPK-51021-001-001 (PDF)</a>
<a href="#">Product Specification PS-51021-010-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification PS-51021-011-001 (PDF)</a>	

**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	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

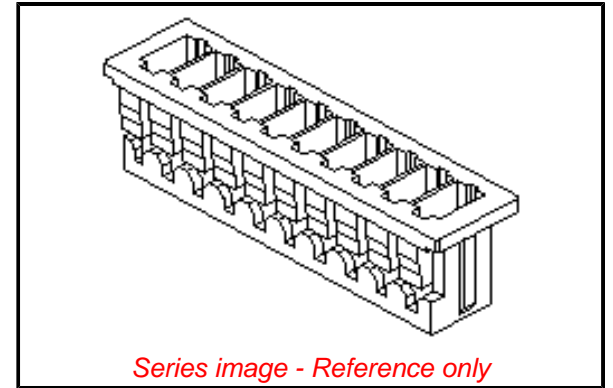
**Electrical**

Current - Maximum per Contact	0.8A, 1.0A
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**Material Info**

**Reference - Drawing Numbers**

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, PS-51021-011-001, PS-51021-022-001,



**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-51021-023-001, PS-51021-024-001,  
PS-51021-025-001, PS-51021-026-001,  
PS-51021-027-001  
SD-51021-002, SD-51021-005

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