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**Part Number:** **0510210500**  
**Status:** **Active**  
**Overview:** PicoBlade Connector System  
**Description:** 1.25mm Pitch, PicoBlade Receptacle Crimp Housing, Single Row, Friction Lock, 5 Circuits, Natural

**Documents:**

<a href="#">3D Model</a>	<a href="#">Product Specification PS-51021-025-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Product Specification PS-51021-026-001 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">Product Specification PS-51021-027-001 (PDF)</a>
<a href="#">Product Specification 510210000-PS-000 (PDF)</a>	<a href="#">Application Specification 510210000-AS-000 (PDF)</a>
<a href="#">Product Specification 510210001-PS-000 (PDF)</a>	<a href="#">Application Specification 510210001-AS-000 (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-51021-024-001 (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
Keying to Mating Part	None
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 +105°C

**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-51021-009-001, PS-51021-010-001, PS-51021-024-001, PS-51021-025-001, PS-51021-026-001, PS-51021-027-001
Sales Drawing	SD-51021-002, SD-51021-005



*Series image - Reference only*

**EU ELV**  
**Compliant**

**EU RoHS**  
**Compliant**

**REACH SVHC**  
Not Contained Per -  
ECHA\_01\_2020 (16  
January 2020

**Halogen-Free**  
**Status**

**Not Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Compliant

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, 51047 1.25mm Pitch PicoBlade Wire-to-Wire Plug Housing

**Use With**

50058 Crimp Terminal, 50079 Crimp Terminal

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