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**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

**Documents:**

<a href="#">3D Model</a>	<a href="#">Product Specification PS-51021-023 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Product Specification PS-51021-024 (PDF)</a>
<a href="#">Product Specification PS-51021-001 (PDF)</a>	<a href="#">Product Specification PS-51021-025 (PDF)</a>
<a href="#">Product Specification PS-51021-002 (PDF)</a>	<a href="#">Product Specification PS-51021-026 (PDF)</a>
<a href="#">Product Specification PS-51021-009 (PDF)</a>	<a href="#">Product Specification PS-51021-027 (PDF)</a>
<a href="#">Product Specification PS-51021-010 (PDF)</a>	<a href="#">Packaging Specification SPK-51021-001 (PDF)</a>
<a href="#">Product Specification PS-51021-011 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification PS-51021-022 (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	Female
Glow-Wire Compliant	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°C to +85°C

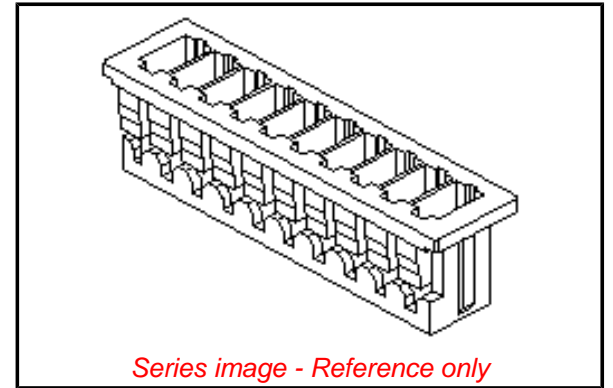
**Electrical**

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

**Reference - Drawing Numbers**

Packaging Specification	SPK-51021-001
Product Specification	PS-51021-001, PS-51021-002, PS-51021-009, PS-51021-010, PS-51021-011, PS-51021-022, PS-51021-023, PS-51021-024, PS-51021-025, PS-51021-026, PS-51021-027, RPS-51021-002, RPS-51021-003, RPS-51021-006, RPS-51021-007,



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
-ED/79/2015 (17  
December 2015)

**Halogen-Free**

**Status**

**Not Low-Halogen**

**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto: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

RPS-51021-008, RPS-51021-009, RPS-51021-011,  
RPS-51021-013, RPS-51021-014, RPS-51021-018,  
RPS-51021-021, RPS-51021-023, RPS-51021-024,  
RPS-51021-025, RPS-51021-028, RPS-51021-030,  
RPS-51021-031, RPS-51021-032, RPS-51021-033,  
RPS-51021-034, RPS-51021-037, RPS-51021-038,  
RPS-51021-039, RPS-51021-040, RPS-51021-041,  
RPS-51021-042, RPS-51021-043, RPS-51021-044,  
RPS-51021-045, RPS-51021-046, RPS-51021-047,  
RPS-51021-048, RPS-51021-051, RPS-51021-052,  
RPS-51021-053, RPS-51021-054, RPS-51021-055,  
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RPS-51021-059, RPS-51021-060, RPS-51021-061,  
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RPS-51021-101, RPS-51021-102, RPS-51021-103,  
RPS-51021-104, RPS-51021-105, RPS-51021-107,  
RPS-51021-108, RPS-51021-112, RPS-51021-114,  
RPS-51021-117, RPS-51021-121, RPS-51021-122,  
RPS-53398-002, RPS-53398-037, RPS-53398-038  
SD-51021-002, SD-51021-005

Sales Drawing

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