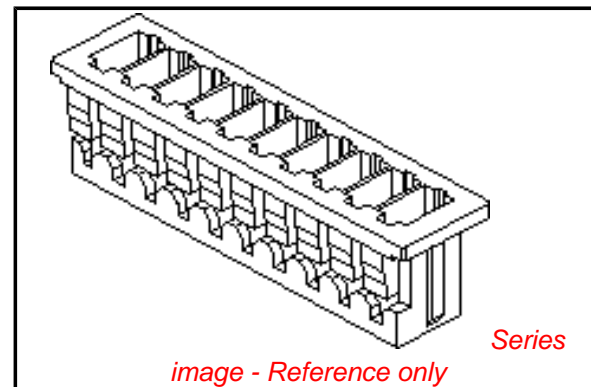


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**Part Number:** [0510210600](#)  
**Status:** **Active**  
**Description:** 1.25mm (.049") Pitch PicoBlade™ Wire-to-Wire and Wire-to-Board Housing, Female, 6 Circuits

**Documents:**

<a href="#">3D Model</a>	<a href="#">Product Specification PS-51021-022 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Product Specification PS-51021-023 (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="#">Product Specification PS-51021-028 (PDF)</a>
<a href="#">Product Specification PS-51021-011 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>



**General**

Product Family	Crimp Housings
Series	51021
Product Name	PicoBlade™

**Physical**

Circuits (maximum)	6
Color - Resin	Natural
Flammability	94V-0
Gender	Female
Glow-Wire Compliant	No
Lock to Mating Part	Yes
Material - Resin	Polyester
Number of Rows	1
Packaging Type	Bag
Panel Mount	No
Pitch - Mating Interface (in)	0.049 In
Pitch - Mating Interface (mm)	1.25 mm
Stackable	No
Temperature Range - Operating	-40°C to +85°C

**Electrical**

CSA	LR19980
UL	E29179

**Material Info**

**Reference - Drawing Numbers**

Product Specification PS-51021-001, PS-51021-002, PS-51021-009, PS-51021-010, PS-51021-011, PS-51021-022, PS-51021-023, PS-51021-025, PS-51021-026, PS-51021-027, PS-51021-028, RPS-51021-001, RPS-51021-002, RPS-51021-003, RPS-51021-004, RPS-51021-006, RPS-51021-007, RPS-51021-008, RPS-51021-009, RPS-51021-010, RPS-51021-011, RPS-51021-013, RPS-51021-014, RPS-51021-018, RPS-51021-019, RPS-51021-020, 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,

**EU RoHS**

**ELV and RoHS Compliant**  
**REACH SVHC Contains SVHC: No**  
**Halogen-Free Status**

**China RoHS**



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

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

**Search Parts in this Series**

[51021Series](#)

**Mates With**

[51047 Crimp Housing](#), [53047 PCB Header](#), [53048 PCB Header](#), [53261 PCB Header](#), [53398 PCB Header](#)

**Use With**

[50058 crimp terminal](#), [50079 crimp terminal](#)

Sales Drawing

RPS-51021-046, RPS-51021-047, RPS-51021-048,  
RPS-51021-051, RPS-51021-052, RPS-51021-053,  
RPS-51021-054, RPS-51021-055, RPS-51021-056,  
RPS-51021-057, RPS-51021-058, RPS-51021-059,  
RPS-51021-060, RPS-51021-061, RPS-51021-062,  
RPS-51021-063, RPS-51021-064, RPS-51021-065,  
RPS-51021-066, RPS-51021-067, RPS-51021-068,  
RPS-51021-071, RPS-51021-072, RPS-51021-073,  
RPS-51021-074, RPS-51021-076, RPS-51021-077,  
RPS-51021-078, RPS-51021-079, RPS-51021-081,  
RPS-51021-084, RPS-51021-085, RPS-51021-086,  
RPS-51021-089, RPS-51021-091, RPS-51021-092,  
RPS-51021-096, RPS-51021-097, RPS-51021-098,  
RPS-53398-002, RPS-53398-037, RPS-53398-038  
SD-51021-\*\*00, SD-51021-002

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