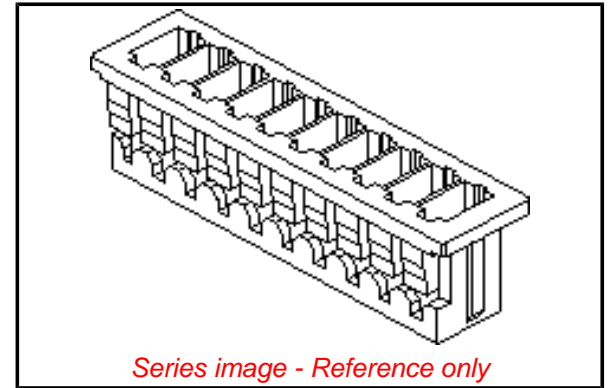


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**Part Number:** [0510210300](#)  
**Status:** **Active**  
**Description:** 1.25mm (.049") Pitch PicoBlade™ Wire-to-Wire and Wire-to-Board Housing, Female, 3 Circuits

**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	<a href="#">51021</a>
Product Name	PicoBlade™

**Physical**

Circuits (maximum)	3
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
Product Specification	PS-51021-002
Product Specification	PS-51021-009
Product Specification	PS-51021-010
Product Specification	PS-51021-011
Product Specification	PS-51021-022
Product Specification	PS-51021-023
Product Specification	PS-51021-025
Product Specification	PS-51021-026
Product Specification	PS-51021-027
Product Specification	PS-51021-028
Product Specification	RPS-51021-001
Product Specification	RPS-51021-002
Product Specification	RPS-51021-003
Product Specification	RPS-51021-004
Product Specification	RPS-51021-005

**EU RoHS**

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

**China RoHS**



**Not Halogen-Free**

**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.

**Search Parts in this Series**

[51021 Series](#)

**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](#)

Product Specification	RPS-51021-006
Product Specification	RPS-51021-007
Product Specification	RPS-51021-008
Product Specification	RPS-51021-009
Product Specification	RPS-51021-010
Product Specification	RPS-51021-011
Product Specification	RPS-51021-013
Product Specification	RPS-51021-014
Product Specification	RPS-51021-018
Product Specification	RPS-51021-019
Product Specification	RPS-51021-020
Product Specification	RPS-51021-021
Product Specification	RPS-51021-023
Product Specification	RPS-51021-024
Product Specification	RPS-51021-025
Product Specification	RPS-51021-028
Product Specification	RPS-51021-030
Product Specification	RPS-51021-031
Product Specification	RPS-51021-032
Product Specification	RPS-51021-033
Product Specification	RPS-51021-034
Product Specification	RPS-51021-037
Product Specification	RPS-51021-038
Product Specification	RPS-51021-039
Product Specification	RPS-51021-040
Product Specification	RPS-51021-041
Product Specification	RPS-51021-042
Product Specification	RPS-51021-043
Product Specification	RPS-51021-044
Product Specification	RPS-51021-045
Product Specification	RPS-51021-046
Product Specification	RPS-51021-047
Product Specification	RPS-51021-048
Product Specification	RPS-51021-051
Product Specification	RPS-51021-052
Product Specification	RPS-51021-053
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Product Specification	RPS-51021-071
Product Specification	RPS-51021-076
Product Specification	RPS-51021-078
Product Specification	RPS-51021-081
Product Specification	RPS-51021-089
Product Specification	RPS-51021-092
Product Specification	RPS-51021-096
Product Specification	RPS-51021-097
Product Specification	RPS-53398-002
Product Specification	RPS-53398-037
Product Specification	RPS-53398-038
Sales Drawing	SD-51021-**00
Sales Drawing	SD-51021-002

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