

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0510210600](#)  
**Status:** **Active**  
**Overview:** [PicoBlade Connector System](#)  
**Description:** 1.25mm Pitch, PicoBlade Receptacle Crimp Housing, Single Row, Friction Lock, 6 Circuits, Natural

**Documents:**

<a href="#">Drawing (PDF)</a>	<a href="#">Product Specification 510211024-PS-000 (PDF)</a>
<a href="#">2D Drawing DXF (PDF)</a>	<a href="#">Product Specification PS-51021-009-001 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">Product Specification PS-51021-010-001 (PDF)</a>
<a href="#">3D Model</a>	<a href="#">Product Specification PS-51021-024-001 (PDF)</a>
<a href="#">2D Drawing (DXF)</a>	<a href="#">Product Specification PS-51021-025-001 (PDF)</a>
<a href="#">Product Specification 510210000-PS-000 (PDF)</a>	<a href="#">Product Specification PS-51021-026-001 (PDF)</a>
<a href="#">Product Specification 510210001-PS-000 (PDF)</a>	<a href="#">Product Specification PS-51021-027-001 (PDF)</a>
<a href="#">Product Specification 510210006-PS-000 (PDF)</a>	<a href="#">Application Specification 510210000-AS-000 (PDF)</a>
<a href="#">Product Specification 510211000-PS-000 (PDF)</a>	<a href="#">Application Specification 510210001-AS-000 (PDF)</a>
<a href="#">Product Specification 510211001-PS-000 (PDF)</a>	<a href="#">Packaging Specification SPK-51021-001-001 (PDF)</a>
<a href="#">Product Specification 510211009-PS-000 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification 510211010-PS-000 (PDF)</a>	

**Agency Certification**

CSA	LR19980
UL	E29179

**General**

Product Family	Crimp Housings
Series	<a href="#">51021</a>
Application	Signal, Wire-to-Board, Wire-to-Wire
Current Derating Order No	987651-3691
Overview	<a href="#">PicoBlade Connector System</a>
Product Name	PicoBlade
UPC	800753750456

**Physical**

Circuits (maximum)	6
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	58.250/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, 510210006-PS-000, 510211000-PS-000, 510211001-PS-000,



*Series image - Reference only*

**EU ELV**

**Compliant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2021)4569-DC (8  
July 2021)

**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**

PicoBlade Header [53261](#) , [53047](#) , [53398](#) ,  
[53048](#) . PicoBlade Plug Housing [51047](#)

**Use With**

PicoBlade Crimp Terminal [50058](#) , [50079](#)  
. PicoBlade Pre-Crimped Lead [214920](#)  
 , [214921](#) , [797580006](#) , [797580014](#) ,  
[797581059](#) , [797581060](#) , [797581061](#) ,  
[797581062](#) , [797581063](#)

Sales Drawing

510211009-PS-000, 510211010-PS-000, 510211024-  
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  
SD-51021-002-001, SD-51021-005-001

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