

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

**Part Number:** [0510470500](#)  
**Status:** **Active**  
**Overview:** [PicoBlade Connector System](#)  
**Description:** 1.25mm Pitch, PicoBlade Plug Crimp Housing, Single Row, Friction Lock, 5 Circuits, Natural

**Documents:**

<a href="#">3D Model (PDF)</a>	<a href="#">Product Specification PS-51021-009-001 (PDF)</a>
<a href="#">3D Model</a>	<a href="#">Application Specification 510210001-AS-000 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification 510479200-SPK-200 (PDF)</a>
<a href="#">Product Specification 510211009-PS-000 (PDF)</a>	<a href="#">Datasheet (PDF)</a>
<a href="#">Product Specification 510211109-PS-000 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**Agency Certification**

UL E29179

**General**

Product Family	Crimp Housings
Series	<a href="#">51047</a>
Application	Signal, Wire-to-Wire
Overview	<a href="#">PicoBlade Connector System</a>
Product Name	PicoBlade
Taxonomy	Connector Housings
UPC	800753756182

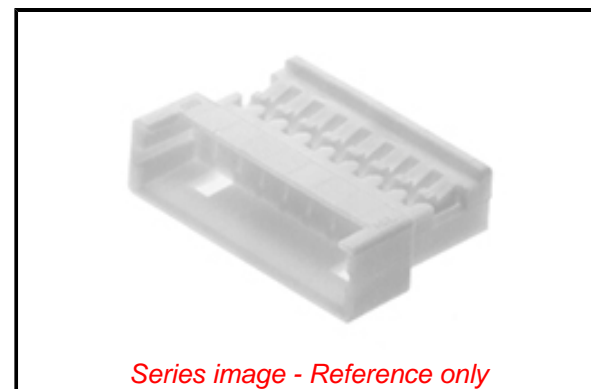
**Physical**

Circuits (maximum)	5
Color - Resin	Natural
Gender	Plug
Glow-Wire Capable	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Resin	Polyester
Net Weight	96.800/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 +85°C

**Material Info**

**Reference - Drawing Numbers**

Application Specification	510210001-AS-000
Packaging Specification	510479200-SPK-200
Product Specification	510211009-PS-000, 510211109-PS-000, PS-51021-009-001
Sales Drawing	510470000-SD-000



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2022)4187-DC (10  
June 2022)

**Halogen-Free**

**Status**

**Not Low-Halogen**

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

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[51047 Series](#)

**Mates With**

PicoBlade Receptacle Housing [51021](#)  
<br>PicoBlade Cable Assembly [15134](#)

**Use With**

PicoBlade Crimp Terminals [50125](#) , [50133](#)  
<br> PicoBlade Pre-Crimped Lead [214922](#) ,  
[214923](#)