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**Part Number:** 0510210400  
**Status:** Active  
**Overview:** PicoBlade Connector System  
**Description:** 1.25mm Pitch PicoBlade Wire-to-Wire and Wire-to-Board Housing, Female, 4 Circuits

**Documents:**

- [3D Model](#)  
[Drawing \(PDF\)](#)  
[Product Specification PS-51021-001-001 \(PDF\)](#)  
[Product Specification PS-51021-002-001 \(PDF\)](#)  
[Product Specification PS-51021-009-001 \(PDF\)](#)  
[Product Specification PS-51021-010-001 \(PDF\)](#)  
[Product Specification PS-51021-011-001 \(PDF\)](#)  
[Product Specification PS-51021-022-001 \(PDF\)](#)
- [Product Specification PS-51021-023-001 \(PDF\)](#)  
[Product Specification PS-51021-024-001 \(PDF\)](#)  
[Product Specification PS-51021-025-001 \(PDF\)](#)  
[Product Specification PS-51021-026-001 \(PDF\)](#)  
[Product Specification PS-51021-027-001 \(PDF\)](#)  
[Packaging Specification SPK-51021-001-001 \(PDF\)](#)  
[RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

CSA	LR19980
UL	E29179

**General**

Product Family	Crimp Housings
Series	51021
Application	Signal, Wire-to-Board, Wire-to-Wire
Current Derating Order No	987651-3691
Overview	PicoBlade Connector System
Product Name	PicoBlade
UPC	800753575615

**Physical**

Circuits (maximum)	4
Color - Resin	Natural
Flammability	94V-0
Gender	Receptacle
Glow-Wire Compliant	No
Lock to Mating Part	Yes
Material - Resin	Polyester
Net Weight	42.200/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

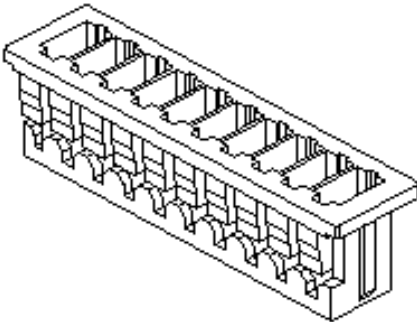
**Electrical**

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

**Reference - Drawing Numbers**

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



Series image - Reference only

**EU ELV**

**Compliant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
ED/30/2017 (7 July  
2017)

**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	Green Image
ELV	Compliant
RoHS Phthalates	Not Contained

**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

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