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Part Number: [0510210800](#)
Status: **Active**
Overview: [PicoBlade™ Connector System](#)
Description: 1.25mm Pitch PicoBlade™ Wire-to-Wire and Wire-to-Board Housing, Female, 8 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
MolexKits	Yes
Overview	PicoBlade™ Connector System
Product Name	PicoBlade™
UPC	800753575653

Physical

Circuits (maximum)	8
Color - Resin	Natural
Flammability	94V-0
Gender	Female
Glow-Wire Compliant	No
Lock to Mating Part	Yes
Material - Resin	Polyester
Net Weight	74.300/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

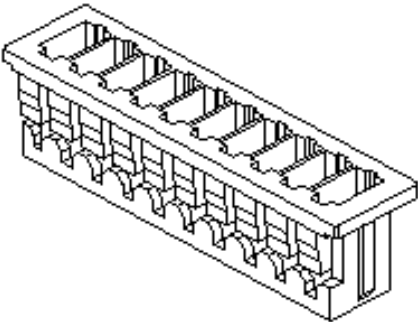
Electrical

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,



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
-ED/01/2017 (12
January 2017)

Halogen-Free

Status

Not Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS	Green Image
ELV	Not Relevant
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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