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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	Product Specification PS-51021-023-001 (PDF)
Drawing (PDF)	Product Specification PS-51021-024-001 (PDF)
Product Specification PS-51021-001-001 (PDF)	Product Specification PS-51021-025-001 (PDF)
Product Specification PS-51021-002-001 (PDF)	Product Specification PS-51021-026-001 (PDF)
Product Specification PS-51021-009-001 (PDF)	Product Specification PS-51021-027-001 (PDF)
Product Specification PS-51021-010-001 (PDF)	Packaging Specification SPK-51021-001-001 (PDF)
Product Specification PS-51021-011-001 (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification PS-51021-022-001 (PDF)	

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	Crimp Housings
Series	<u>51021</u>
Application	Signal, Wire-to-Board, Wire-to-Wire
Current Derating Order No	987651-3691
MolexKits	Yes
Overview	<u>PicoBlade™ Connector System</u>
Product Name	PicoBlade™
UPC	800753575653

Physical

Circuits (maximum)	8
Color - Resin	Natural
Flammability	94V-0
Gender	Receptacle
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,



EU ELV
Compliant

EU RoHS
Compliant

China RoHS

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	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

Sales Drawing

PS-51021-025-001, PS-51021-026-001,
PS-51021-027-001
SD-51021-002, SD-51021-005

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