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Part Number: [0510211200](#)
Status: **Active**
Overview: [PicoBlade™ Connector System](#)
Description: 1.25mm Pitch PicoBlade™ Wire-to-Wire and Wire-to-Board Housing, Female, 12 Circuits

Documents:

3D Model	Product Specification PS-51021-024 (PDF)
Drawing (PDF)	Product Specification PS-51021-025 (PDF)
Product Specification 510210001 (PDF)	Product Specification PS-51021-026 (PDF)
Product Specification PS-51021-010 (PDF)	Product Specification PS-51021-027 (PDF)
Product Specification PS-51021-011 (PDF)	Packaging Specification SPK-51021-001 (PDF)
Product Specification PS-51021-022 (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification PS-51021-023 (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	800753575264

Physical

Circuits (maximum)	12
Color - Resin	Natural
Flammability	94V-0
Gender	Female
Glow-Wire Compliant	No
Lock to Mating Part	Yes
Material - Resin	Polyester
Net Weight	106.400/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

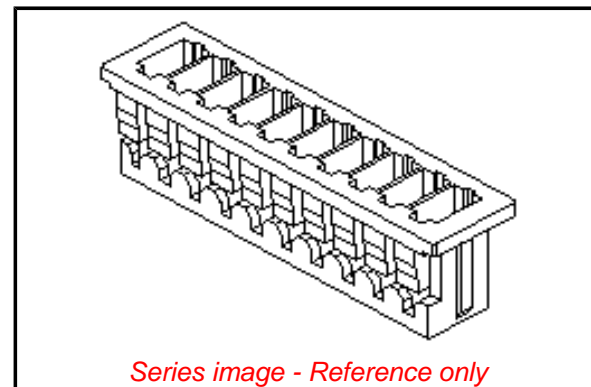
Electrical

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

Reference - Drawing Numbers

Packaging Specification	SPK-51021-001
Product Specification	510210001, PS-51021-010, PS-51021-011, PS-51021-022, PS-51021-023, PS-51021-024, PS-51021-025, PS-51021-026, PS-51021-027, RPS-51021-002, RPS-51021-003, RPS-51021-006, RPS-51021-007, RPS-51021-008, RPS-51021-009, RPS-51021-011, RPS-51021-013, RPS-51021-014,



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per - ED/21/2016 (20 June 2016)

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

ELV

Green Image

Not Relevant

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

RPS-51021-018, RPS-51021-021, RPS-51021-023,
RPS-51021-024, RPS-51021-025, RPS-51021-028,
RPS-51021-030, RPS-51021-031, RPS-51021-032,
RPS-51021-033, RPS-51021-034, RPS-51021-037,
RPS-51021-038, RPS-51021-039, RPS-51021-040,
RPS-51021-041, RPS-51021-042, RPS-51021-043,
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RPS-51021-105, RPS-51021-107, RPS-51021-108,
RPS-51021-112, RPS-51021-113, RPS-51021-114,
RPS-51021-117, RPS-51021-118, RPS-51021-121,
RPS-51021-122, RPS-51021-124, RPS-51021-125,
RPS-53398-002, RPS-53398-037, RPS-53398-038
SD-51021-002, SD-51021-005

Sales Drawing

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