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Part Number: **0510210600**
Status: **Active**
Overview: PicoBlade™ Connector System
Description: 1.25mm Pitch PicoBlade™ Wire-to-Wire and Wire-to-Board Housing, Female, 6 Circuits

Documents:

3D Model	Product Specification PS-51021-023 (PDF)
Drawing (PDF)	Product Specification PS-51021-024 (PDF)
Product Specification PS-51021-001 (PDF)	Product Specification PS-51021-025 (PDF)
Product Specification PS-51021-002 (PDF)	Product Specification PS-51021-026 (PDF)
Product Specification PS-51021-009 (PDF)	Product Specification PS-51021-027 (PDF)
Product Specification PS-51021-010 (PDF)	Product Specification PS-51021-028 (PDF)
Product Specification PS-51021-011 (PDF)	Packaging Specification SPK-51021-001 (PDF)
Product Specification PS-51021-022 (PDF)	RoHS Certificate of Compliance (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	800753750456

Physical

Circuits (maximum)	6
Color - Resin	Natural
Flammability	94V-0
Gender	Female
Glow-Wire Compliant	No
Lock to Mating Part	Yes
Material - Resin	Polyester
Net Weight	58.250/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

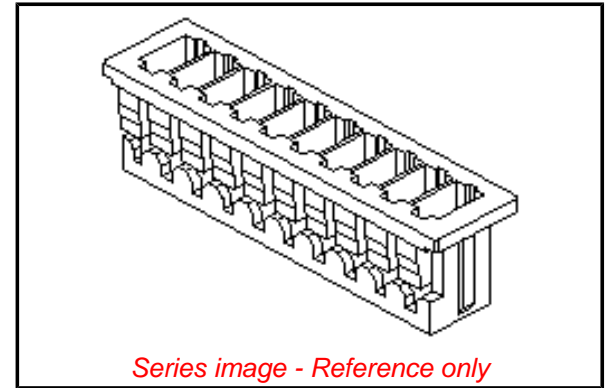
Electrical

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

Reference - Drawing Numbers

Packaging Specification	SPK-51021-001
Product Specification	PS-51021-001, PS-51021-002, PS-51021-009, PS-51021-010, PS-51021-011, PS-51021-022, PS-51021-023, PS-51021-024, PS-51021-025, PS-51021-026, PS-51021-027, PS-51021-028,



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Contains SVHC(2015 June 15): No

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-51021-001, RPS-51021-002, RPS-51021-003,
RPS-51021-004, RPS-51021-006, RPS-51021-007,
RPS-51021-008, RPS-51021-009, RPS-51021-010,
RPS-51021-011, RPS-51021-013, RPS-51021-014,
RPS-51021-018, RPS-51021-019, RPS-51021-020,
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,
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RPS-51021-048, RPS-51021-051, RPS-51021-052,
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RPS-51021-107, RPS-51021-108, RPS-51021-112,
RPS-51021-114, RPS-51021-115, RPS-51021-117,
RPS-51021-121, RPS-51021-122, RPS-53398-002,
RPS-53398-037, RPS-53398-038
SD-51021-002, SD-51021-005

Sales Drawing

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