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Part Number: [51021-0800](#)
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 \(PDF\)](#)
[Product Specification PS-51021-002 \(PDF\)](#)
[Product Specification PS-51021-009 \(PDF\)](#)
[Product Specification PS-51021-010 \(PDF\)](#)
[Product Specification PS-51021-011 \(PDF\)](#)
[Product Specification PS-51021-022 \(PDF\)](#)
- [Product Specification PS-51021-023 \(PDF\)](#)
[Product Specification PS-51021-024 \(PDF\)](#)
[Product Specification PS-51021-025 \(PDF\)](#)
[Product Specification PS-51021-026 \(PDF\)](#)
[Product Specification PS-51021-027 \(PDF\)](#)
[Product Specification PS-51021-028 \(PDF\)](#)
[Packaging Specification SPK-51021-001 \(PDF\)](#)
[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
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

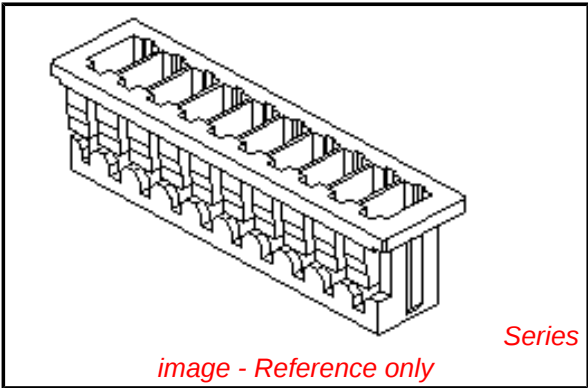
Electrical

Current - Maximum per Contact 0.8A, 1A

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 RoHS
ELV and RoHS
Compliant
REACH SVHC
Contains SVHC: No
Low-Halogen Status
Not Low-Halogen



Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series
[51021Series](#)

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-51021-020, RPS-51021-021,
RPS-51021-023, RPS-51021-024, RPS-51021-025,
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RPS-51021-114, 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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