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Part Number: [0533980771](#)
Status: **Active**
Overview:
Description: 1.25mm (.049") Pitch PicoBlade™ Header, Surface Mount, Vertical, Lead-free, 7 Circuits

Documents:

[3D Model](#) [Product Specification PS-51021-024 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family PCB Headers
Series [53398](#)
Application Wire-to-Board
Overview PicoBlade™;
Product Name PicoBlade™

Physical

Breakaway No
Circuits (Loaded) 7
Color - Resin Natural
Durability (mating cycles max) 30
First Mate / Last Break No
Flammability 94V-0
Glow-Wire Compliant No
Guide to Mating Part No
Lock to Mating Part Yes
Mated Height (in) 0.224 In
Mated Height (mm) 5.70 mm
Material - Metal Phosphor Bronze
Material - Plating Mating Tin
Material - Plating Termination Tin
Material - Resin Nylon
Number of Rows 1
Orientation Vertical
PC Tail Length (in) 0.024 In
PC Tail Length (mm) 0.60 mm
PCB Locator No
PCB Retention Yes
Packaging Type Embossed Tape on Reel
Pitch - Mating Interface (in) 0.049 In
Pitch - Mating Interface (mm) 1.25 mm
Polarized to Mating Part Yes
Polarized to PCB Yes
Shrouded Partial
Stackable No
Temperature Range - Operating -40°C to +85°C
Termination Interface: Style Surface Mount

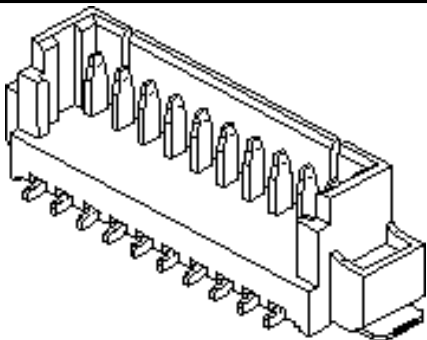
Electrical

Current - Maximum 1A
UL E29179
Voltage - Maximum 125V

Material Info

Reference - Drawing Numbers

Product Specification PS-51021-024



Series image - Reference only

EU RoHS

**ELV and RoHS
Compliant**
**REACH SVHC
Contains SVHC: No
Halogen-Free
Status**

China RoHS



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environmental compliance?**

Email productcompliance@molex.com
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non-product compliance questions.

Search Parts in this Series

[53398](#) Series

Mates With

[51021](#) PicoBlade™ Wire-to-Wire and Wire-
to-Board Housing

Product Specification	RPS-51021-038
Product Specification	RPS-51021-039
Product Specification	RPS-51021-040
Product Specification	RPS-51021-043
Product Specification	RPS-51021-045
Product Specification	RPS-51021-046
Product Specification	RPS-51021-047
Product Specification	RPS-51021-051
Product Specification	RPS-51021-053
Product Specification	RPS-51021-057
Product Specification	RPS-51021-064
Product Specification	RPS-51021-065
Product Specification	RPS-51021-067
Product Specification	RPS-51021-068
Product Specification	RPS-51021-074
Product Specification	RPS-51021-077
Product Specification	RPS-51021-081
Product Specification	RPS-51021-085
Product Specification	RPS-51021-086
Product Specification	RPS-51021-091
Product Specification	RPS-51021-092
Product Specification	RPS-51021-097
Product Specification	RPS-51021-098
Product Specification	RPS-53398-002
Product Specification	RPS-53398-038
Sales Drawing	SD-53398-032
Sales Drawing	SD-53398-033

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