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Part Number: [0533981171](#)
Status: **Active**
Overview:
Description: 1.25mm (.049") Pitch PicoBlade™ Header, Surface Mount, Vertical, Lead-free, 11 Circuits

Documents:
[3D Model](#)
[Drawing \(PDF\)](#)

[Product Specification PS-51021-024 \(PDF\)](#)
[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)	11
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

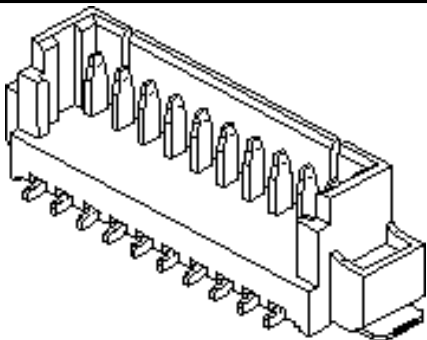
Electrical

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

Material Info

Reference - Drawing Numbers

Product Specification	PS-51021-024
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Series image - Reference only

EU RoHS

**ELV and RoHS
Compliant**

REACH SVHC

**Contains SVHC: No
Halogen-Free
Status**

Not Reviewed

China RoHS



**Need more information on product
environmental compliance?**

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any
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-53398-002
Product Specification	RPS-53398-038
Sales Drawing	SD-53398-032
Sales Drawing	SD-53398-033

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