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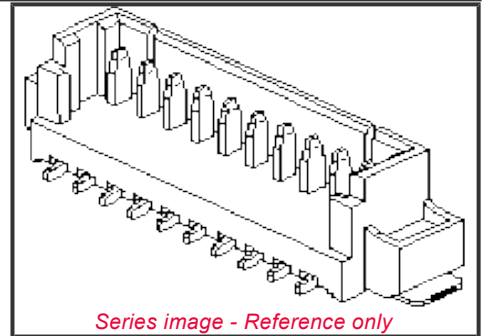
**Part Number:**  
**0533980271**

**Status:**  
**Active**

**Overview:**  
**PicoBlade™**

**Description:**  
1.25mm (.049") Pitch PicoBlade™ Header, Surface Mount, Vertical, Lead-free, 2 Circuits

**Documents:** [Note - Please disable browser pop-up blockers for documents on www.molex.com](#)  
[Drawing \(PDF\)](#) [Product Specification PS-51021-024 \(PDF\)](#)



Series image - Reference only

3D  
Model

**EU RoHS**  
**ELV and RoHS**  
**Compliant**

**REACH SVHC**  
**Contains SVHC: No**

**Halogen-Free**  
**Status**  
**Not Halogen-Free**

**China RoHS**



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**Mates With**

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

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**General**

Product Family	PCB Headers
Series	<a href="#">53398</a>
Application	Wire-to-Board
Overview	<a href="#">PicoBlade™</a>
Product Name	PicoBlade™

**Physical**

Breakaway	No
Circuits (Loaded)	2
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**(Please review the Product Specification for specific details.)

Current - Maximum per Contact	1A
Voltage - Maximum	125V

**Agency Certification**

UL	E29179
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**Material Info**

**Reference - Drawing Numbers**

Product Specification

PS-51021-024, RPS-51021-038, RPS-51021-039, RPS-51021-040, RPS-51021-043, RPS-51021-045, RPS-51021-046, RPS-51021-047, RPS-51021-051, RPS-51021-053, RPS-51021-057, RPS-51021-064, RPS-51021-065, RPS-51021-067, RPS-51021-068, RPS-51021-074, RPS-51021-077, RPS-51021-081, RPS-51021-085, RPS-51021-086, RPS-51021-091, RPS-51021-092, RPS-51021-097, RPS-51021-099, RPS-51021-101, RPS-53398-002, RPS-53398-038

Sales Drawing

SD-53398-032, SD-53398-033

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