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Part Number: [0533980671](#)
Status: **Active**
Overview: PicoBlade™
Description: 1.25mm (.049") Pitch PicoBlade™ Header, Surface Mount, Vertical, Lead-free, 6 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	<u>PicoBlade™</u>
Product Name	PicoBlade™

Physical

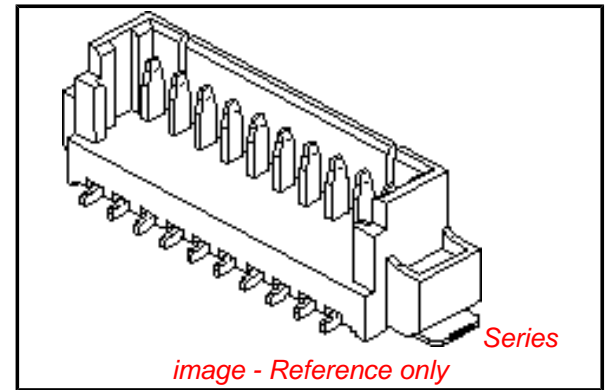
Breakaway	No
Circuits (Loaded)	6
Color - Resin	Natural
Durability (mating cycles max)	30
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Compliant	No
Guide to Mating Part	No
Lock to Mating Part	Yes
Mated Height (in)	0.224 In
Mated Height (mm)	5.70 mm
Material - Metal	Phosphor Bronze
Material - 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



EU RoHS

ELV and RoHS Compliant
REACH SVHC
 Not Reviewed
Halogen-Free
Status
Not Reviewed

China RoHS



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

[53398Series](#)

Mates With

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

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-53398-002, RPS-53398-038
SD-53398-032, SD-53398-033

Sales Drawing

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