

Molex 533981471 PDF

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Part Number: [0533981471](#)
Status: **Active**
Overview: [PicoBlade Connector System](#)
Description: 1.25mm Pitch, PicoBlade PCB Header, Single Row, Vertical, Surface Mount, Tin (Sn) Plating, Friction Lock, 14 Circuits, Tape and Reel, 0.60mm PC Tail Length

Documents:

3D Model	Application Specification 510210000-AS-000 (PDF)
Drawing (PDF)	Packaging Specification SPK-53398-002-001 (PDF)
Product Specification PS-51021-024-001 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

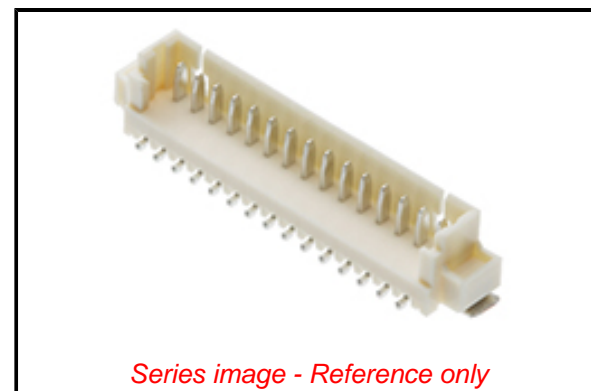
UL E29179

General

Product Family	PCB Headers
Series	53398
3D Viewer	Yes
Application	Signal, Wire-to-Board
CURRENT-MAX-NUMERIC	1.0
Current Derating Order No	987651-3691
Overview	PicoBlade Connector System
PITCH-MATING-NUMERIC	1.25
Product Name	PicoBlade
UPC	822348164417

Physical

Breakaway	No
Circuits (Loaded)	14
Circuits (maximum)	14
Color - Resin	Natural
Durability (mating cycles max)	30
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Capable	No
Guide to Mating Part	No
Lock to Mating Part	Yes
Mated Height	5.70mm
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Nylon
Net Weight	393.500/mg
Number of Rows	1
Orientation	Vertical
PC Tail Length	0.60mm
PCB Locator	No
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	1.25mm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Partial
Stackable	No
Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Surface Mount



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per - ED/71/2019 (16 July 2019)

Halogen-Free

Status

Not Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[53398 Series](#)

Mates With

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

Electrical

Current - Maximum per Contact 1.0A
Voltage - Maximum 125V

Material Info**Reference - Drawing Numbers**

Application Specification 510210000-AS-000
Packaging Specification SPK-53398-002-001
Product Specification PS-51021-024-001
Sales Drawing SD-53398-032, SD-53398-033-001

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