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Part Number: [0533980471](#)
Status: **Active**
Overview: [PicoBlade Connector System](#)
Description: 1.25mm Pitch, PicoBlade PCB Header, Single Row, Vertical, Surface Mount, Tin (Sn) Plating, Friction Lock, 4 Circuits, Tape and Reel, 0.60mm PC Tail Length

Documents:

Drawing (PDF)	Product Specification 510211124-PS-000 (PDF)
2D Drawing DXF (PDF)	Product Specification PS-51021-024-001 (PDF)
3D Model	Application Specification 510210000-AS-000 (PDF)
2D Drawing (DXF)	Packaging Specification SPK-53398-002-001 (PDF)
3D Model (PDF)	Datasheet (PDF)
Product Specification 510211024-PS-000 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

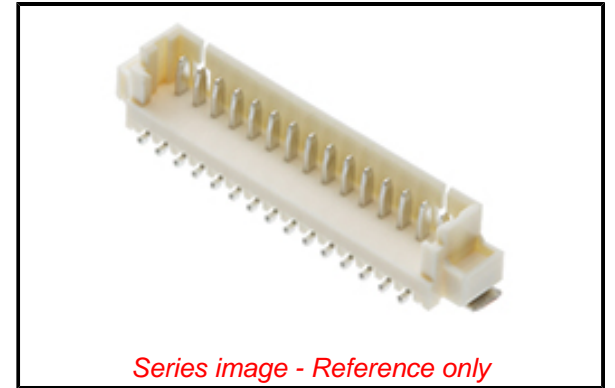
UL E29179

General

Product Family	PCB Headers
Series	53398
Application	Signal, Wire-to-Board
Component Type	PCB Header
Overview	PicoBlade Connector System
Product Name	PicoBlade
Taxonomy	PCB Headers and Receptacles
UPC	822348164318

Physical

Breakaway	No
Circuits (Loaded)	4
Circuits (maximum)	4
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	170.080/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 -
D(2022)4187-DC (10
June 2022)

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

PicoBlade Housing [51021](#)
PicoBlade
Cable Assembly [15134](#)

Electrical

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

Solder Process Data

Duration at Max. Process Temperature (seconds)	060
Lead-free Process Capability	REFLOW
Max. Cycles at Max. Process Temperature	002
Process Temperature max. C	250

Material Info**Reference - Drawing Numbers**

Application Specification	510210000-AS-000
Packaging Specification	SPK-53398-002-001
Product Specification	510211024-PS-000, 510211124-PS-000, PS-51021-024-001
Sales Drawing	533980000-SD-000

This document was generated on 02/01/2023

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