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Part Number: [0533981071](#)
Status: **Active**
Overview: [PicoBlade™ Connector System](#)
Description: 1.25mm Pitch PicoBlade™ Header, Surface Mount, Vertical, 10 Circuits

Documents:

[3D Model](#) [Packaging Specification SPK-53398-002 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-51021-024 \(PDF\)](#)

Agency Certification

UL E29179

General

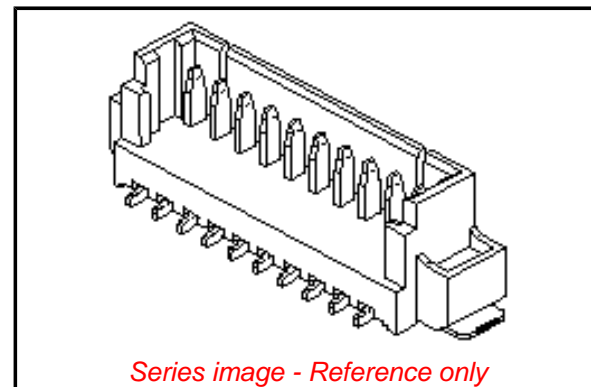
Product Family PCB Headers
Series [53398](#)
Application Signal, Wire-to-Board
Current Derating Order No 987651-3691
MolexKits Yes
Overview [PicoBlade™ Connector System](#)
Product Name PicoBlade™
UPC 822348164370

Physical

Breakaway No
Circuits (Loaded) 10
Circuits (maximum) 10
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 5.70mm
Material - Metal Phosphor Bronze
Material - Plating Mating Tin
Material - Plating Termination Tin
Material - Resin Nylon
Net Weight 304.100/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°C to +85°C
Termination Interface: Style Surface Mount

Electrical

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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
-ED/79/2015 (17
December 2015)

Halogen-Free

Status

Not Low-Halogen

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

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any
non-product compliance questions.

China ROHS

ELV

Green Image

Not Relevant

Search Parts in this Series

[53398 Series](#)

Mates With

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

Material Info

Reference - Drawing Numbers

Packaging Specification

Product Specification

SPK-53398-002
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-51021-080,
RPS-51021-081, RPS-51021-085, RPS-51021-086,
RPS-51021-091, RPS-51021-092, RPS-51021-097,
RPS-51021-098, RPS-51021-099, RPS-51021-101,
RPS-51021-103, RPS-51021-105, RPS-51021-108,
RPS-51021-112, RPS-51021-114, RPS-51021-117,
RPS-53398-002, RPS-53398-038
SD-53398-032, SD-53398-033

Sales Drawing

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