

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0533981271](#)
Status: **Active**
Overview: [PicoBlade™ Connector System](#)
Description: 1.25mm Pitch PicoBlade™ Header, Surface Mount, Vertical, 12 Circuits

Documents:

3D Model	Product Specification PS-51021-024 (PDF)
Drawing (PDF)	Packaging Specification SPK-53398-002 (PDF)
Product Specification 510210001 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

UL E29179

General

Product Family	PCB Headers
Series	53398
Application	Signal, Wire-to-Board
Current Derating Order No	987651-3691
Overview	PicoBlade™ Connector System
Product Name	PicoBlade™
UPC	822348164394

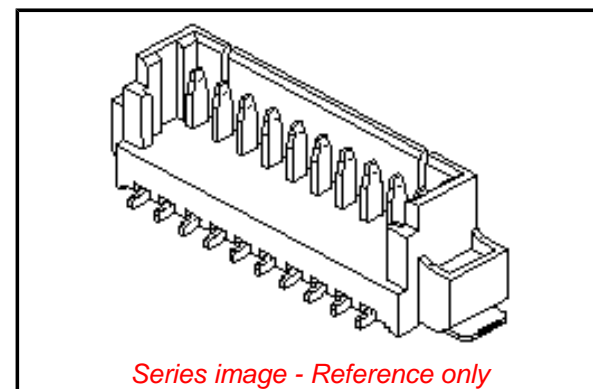
Physical

Breakaway	No
Circuits (Loaded)	12
Circuits (maximum)	12
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	348.800/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

Material Info



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ED/21/2016 (20 June
2016)

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](#)

Reference - Drawing Numbers

Packaging Specification

Product Specification

SPK-53398-002
510210001, 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-51021-100, RPS-51021-101, RPS-51021-103,
RPS-51021-105, RPS-51021-108, RPS-51021-112,
RPS-51021-114, RPS-51021-117, RPS-51021-125,
RPS-53398-002, RPS-53398-035, RPS-53398-038
SD-53398-032, SD-53398-033

Sales Drawing

This document was generated on 09/30/2016

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION