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**Part Number:** [0533980971](#)  
**Status:** **Active**  
**Overview:** [PicoBlade™ Connector System](#)  
**Description:** 1.25mm Pitch PicoBlade™ Header, Surface Mount, Vertical, 9 Circuits

**Documents:**

<a href="#">3D Model</a>	<a href="#">Product Specification PS-51021-024 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification SPK-53398-002 (PDF)</a>
<a href="#">Product Specification 510210001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**Agency Certification**

UL E29179

**General**

Product Family	PCB Headers
Series	<a href="#">53398</a>
Application	Signal, Wire-to-Board
Current Derating Order No	987651-3691
Overview	<a href="#">PicoBlade™ Connector System</a>
Product Name	PicoBlade™
UPC	822348164363

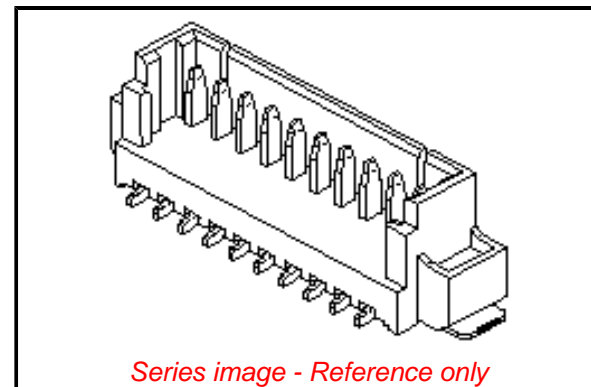
**Physical**

Breakaway	No
Circuits (Loaded)	9
Circuits (maximum)	9
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	281.800/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**

**China RoHS**

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

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

**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-53398-038  
SD-53398-032, SD-53398-033

Sales Drawing

This document was generated on 10/20/2016

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