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**Part Number:** [0532610871](#)  
**Status:** **Active**  
**Overview:** [PicoBlade™ Connector System](#)  
**Description:** 1.25mm Pitch PicoBlade™ Header, Surface Mount, Right Angle, 8 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-53261-002 (PDF)</a>
<a href="#">Product Specification 510210001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**Agency Certification**

CSA	LR19980
UL	E29179

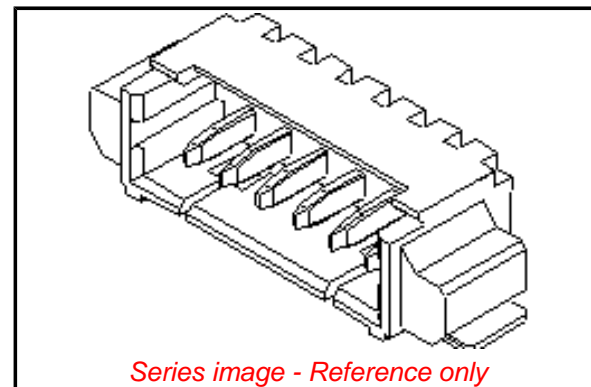
**General**

Product Family	PCB Headers
Series	<a href="#">53261</a>
Application	Signal, Wire-to-Board
Current Derating Order No	987651-3691
MolexKits	Yes
Overview	<a href="#">PicoBlade™ Connector System</a>
Product Name	PicoBlade™
UPC	822348164219

**Physical**

Breakaway	No
Circuits (Loaded)	8
Circuits (maximum)	8
Color - Resin	Natural
Durability (mating cycles max)	30
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Compliant	No
Guide to Mating Part	Yes
Keying to Mating Part	None
Lock to Mating Part	Yes
Mated Height	3.40mm
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	239.000/mg
Number of Rows	1
Orientation	Right Angle
PCB Locator	No
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	1.25mm
Plating min - Mating	1.016µm
Plating min - Termination	1.016µm
Polarized to PCB	Yes
Shrouded	Fully
Stackable	No
Temperature Range - Operating	-40°C to +85°C
Termination Interface: Style	Surface Mount

**Electrical**



**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](mailto: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**

[53261](#) Series

**Mates With**

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

Current - Maximum per Contact  
Voltage - Maximum

1.0A  
125V

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification  
Product Specification

SPK-53261-002  
510210001, PS-51021-024, RPS-51021-036,  
RPS-51021-038, RPS-51021-039, RPS-51021-040,  
RPS-51021-042, RPS-51021-043, RPS-51021-045,  
RPS-51021-046, RPS-51021-047, RPS-51021-051,  
RPS-51021-053, RPS-51021-054, RPS-51021-057,  
RPS-51021-058, RPS-51021-061, RPS-51021-062,  
RPS-51021-066, RPS-51021-067, RPS-51021-068,  
RPS-51021-072, RPS-51021-073, RPS-51021-076,  
RPS-51021-079, RPS-51021-080, RPS-51021-081,  
RPS-51021-085, RPS-51021-086, RPS-51021-091,  
RPS-51021-097, RPS-51021-099, RPS-51021-101,  
RPS-51021-102, RPS-51021-105, RPS-51021-106,  
RPS-51021-107, RPS-51021-108, RPS-51021-112,  
RPS-51021-114, RPS-51021-117, RPS-51021-122,  
RPS-51021-124, RPS-53261-001, RPS-53261-002  
SD-51021-002, SD-53261-023, SD-53261-024

Sales Drawing

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