

molex

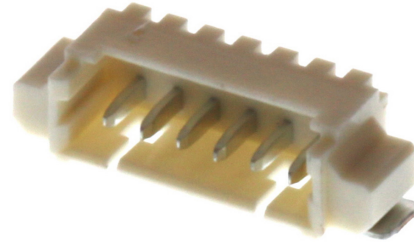
Part Number : [532610671](#)

Product Description : 1.25mm Pitch, PicoBlade PCB Header, Single Row, Right-Angle, Surface Mount, Tin (Sn) Plating, Friction Lock, 6 Circuits, Natural, Tape and Reel

Series Number : 53261

Status : Active

Product Category : PCB Headers and Receptacles



Documents & Resources

Drawings

[532610671_sd.pdf](#)

3D Models and Design Files

[532610671.dxf](#)

[532610671.pdf](#)

[532610671_stp.zip](#)

Specifications

[510210000-AS-000.pdf](#)

[SPK-53261-002-001.pdf](#)


[510211024-PS-000.pdf](#)

[510211124-PS-000.pdf](#)

[PS-51021-024-001.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 33
China RoHS	
EU ELV	Compliant per 2000/53/EC
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)6225-DC (07 Nov 2024)
EU RoHS	Compliant per EU 2015/863

[Multiple Part Product Compliance Statements](#)

- Eu RoHS
- REACH SVHC
- Low-Halogen

Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

EU RoHS Certificate of Compliance

Part Details

General

Status	Active
Category	PCB Headers and Receptacles
Series	53261
Description	1.25mm Pitch, PicoBlade PCB Header, Single Row, Right-Angle, Surface Mount, Tin (Sn) Plating, Friction Lock, 6 Circuits, Natural, Tape and Reel
Application	Signal, Wire-to-Board
Component Type	PCB Header
Product Name	PicoBlade
UPC	822348161096

Agency

CSA	LR19980
UL	E29179

Electrical

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

Physical

Breakaway	No
Circuits (Loaded)	6

Circuits (maximum)	6
Color - Resin	Natural
Durability (mating cycles max)	30
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Capable	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	Polyamide
Net Weight	198.800/mg
Number of Rows	1
Orientation	Right Angle
Packaging Type	Embossed Tape on Reel
PCB Locator	No
PCB Retention	Yes
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° to +105°C
Termination Interface Style	Surface Mount

Solder Process Data

Lead-Free Process Capability	REFLOW
Max-Cycle	2
Max-Temp	250

Mates With / Use With

Mates with Part(s)

Description	Part Number
PicoBlade Single Row Receptacle Housings	<u>51021</u>
PicoBlade Female-to-PicoBlade Female Off-the-Shelf (OTS) Cable Assemblies	<u>15134</u>

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