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Part Number: [5037630591](#)
Status: **Active**
Overview: [Pico-Lock Connector System](#)
Description: 1.00mm Pitch, Pico-Lock PCB Header, Single Row, Right-Angle, Surface Mount, Gold over Nickel Plating, Positive Lock, 5 Circuits, Tape and Reel

Documents:

3D Model	Application Specification AS-503764-001-001 (PDF)
3D Model (PDF)	Packaging Specification SPK-503763-001-001 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification 5037641001-PS-000 (PDF)	Product Literature (PDF)
Product Specification PS-503764-001-001 (PDF)	

General

Product Family	PCB Headers
Series	503763
Application	Signal, Wire-to-Board
Comments	See Molex product specification PS-503764-001 for additional current de-rating information
Overview	Pico-Lock Connector System
Product Name	Pico-Lock
UL	E29179
UPC	191128847049

Physical

Breakaway	No
Circuits (Loaded)	5
Circuits (maximum)	5
Color - Resin	Black
Durability (mating cycles max)	30
First Mate / Last Break	No
Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	N/A
Lock to Mating Part	Yes
Mated Height	1.50mm
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Resin	High Temperature Thermoplastic
Net Weight	91.080/mg
Number of Rows	1
Orientation	Right Angle
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	1.00mm
Pitch - Termination Interface	1.00mm
Plating min - Mating	0.100µm
Polarized to Mating Part	Yes
Shrouded	Yes
Stackable	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Surface Mount

Electrical

Current - Maximum per Contact	2.5A
Voltage - Maximum	150V AC (RMS)/DC



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2020)4578-DC (25
June 2020)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[503763](#) Series

Mates With

Pico-Lock Crimp Housing [503764](#)

Material Info

Reference - Drawing Numbers

Application Specification

AS-503764-001-001

Packaging Specification

SPK-503763-001-001

Product Specification

5037641001-PS-000, PS-503764-001-001

Sales Drawing

5037630000-SD-000

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