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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)
- Drawing (PDF)

Packaging Specification SPK-503763-001-001 (PDF)
- 3D Model (PDF)

Datasheet (PDF)
- Product Specification 5037641001-PS-000 (PDF)

RoHS Certificate of Compliance (PDF)
- Product Specification PS-503764-001-001 (PDF)

Agency Certification	
UL	E29179
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
Component Type	PCB Header
Overview	Pico-Lock Connector System
Product Name	Pico-Lock
Taxonomy	PCB Headers and Receptacles
UPC	191128847049
Physical	
Breakaway	No
Circuits (Loaded)	5
Circuits (maximum)	5
Color - Resin	Black
Durability (mating cycles max)	30
First Mate / Last Break	No
Flammability	SC-0
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



Series image - Reference only

EU ELV	
Not Relevant	
EU RoHS	China RoHS
Compliant	
REACH SVHC	
Not Contained Per - D(2022)4187-DC (10 June 2022)	
Halogen-Free	
Status	
Low-Halogen	
For more information, please visit Contact US	
China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

503763 Series

Mates With

Pico-Lock Crimp Housing 503764

Electrical

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

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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