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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-503764-002-001 (PDF)
Drawing (PDF)	Packaging Specification SPK-503763-001-001 (PDF)
Product Specification PS-503764-001-001 (PDF)	RoHS Certificate of Compliance (PDF)
Application Specification AS-503764-001-001 (PDF)	Product Literature (PDF)

General	
Product Family	PCB Headers
Series	503763
Application	Signal, Wire-to-Board
CURRENT-MAX-NUMERIC	2.5
Comments	See Molex product specification PS-503764-001 for additional current de-rating information, See Molex product specification PS-503764-001 for additional current de-rating information
Overview	Pico-Lock Connector System
PITCH-MATING-NUMERIC	1.00
Product Literature Order No	987650-9061
Product Name	Pico-Lock
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 over Nickel
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

EU ELV	
Not Relevant	
EU RoHS	China RoHS
Compliant	
REACH SVHC	
Not Contained Per -ED/88/2018 (15 January 2019)	
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

503764 Pico-Lock Crimp Housing

Current - Maximum per Contact
Voltage - Maximum

2.5A
150V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Application Specification
Packaging Specification
Product Specification
Sales Drawing

AS-503764-001-001, AS-503764-002-001
SPK-503763-001-001
PS-503764-001-001
SD-503763-001-001, SD-503763-002-001

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