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Part Number: 5040500591
Status: Active
Overview: Pico-Lock Connector System
Description: 1.50mm Pitch, Pico-Lock PCB Header, Single Row, Right-Angle, Surface Mount, Gold (Au) Plating, Positive Lock, 5 Circuits, Tape and Reel



Series image - Reference only

Documents:

- 3D Model (PDF)
- Drawing (PDF)
- 3D Model
- Product Specification 5040511001-PS-000 (PDF)
- Product Specification PS-504051-001-001 (PDF)
- Application Specification AS-504051-001-001 (PDF)
- Packaging Specification SPK-504050-001-001 (PDF)
- Datasheet (PDF)
- RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR19980

General

Product Family	PCB Headers
Series	504050
Application	Signal, Wire-to-Board
Overview	Pico-Lock Connector System
Product Name	Pico-Lock
UPC	889056241885

Physical

Breakaway	No
Circuits (Loaded)	5
Circuits (maximum)	5
Color - Resin	Black
Durability (mating cycles max)	30
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	N/A
Lock to Mating Part	Yes
Mated Height	2.00mm
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Resin	High Temperature Thermoplastic
Net Weight	143.220/mg
Number of Rows	1
Orientation	Right Angle
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	1.50mm
Pitch - Termination Interface	1.50mm
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	2.0A
Voltage - Maximum	150V AC (RMS)/DC

EU ELV
Not Relevant

EU RoHS
Compliant

China RoHS

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
504050 Series

Mates With
Pico-Lock Crimp Housing 504051
Pico-Lock Cable Assembly 15132

Material Info

Reference - Drawing Numbers

Application Specification	AS-504051-001-001
Packaging Specification	SPK-504050-001-001
Product Specification	5040511001-PS-000, PS-504051-001-001
Sales Drawing	5040500000-SD-000, 5040500000-SD-001

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