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Part Number:

5040500291

Status:

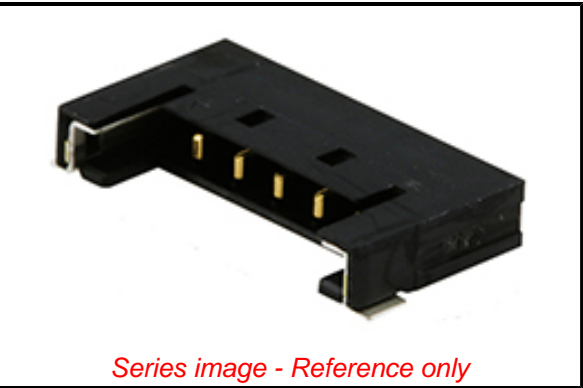
Active

Overview:

Pico-Lock Connector System

Description:

1.50mm Pitch, Pico-Lock PCB Header, Single Row, Right-Angle, Surface Mount, Gold (Au) Plating, Positive Lock, 2 Circuits, Tape and Reel



Series image - Reference only

Documents:	
<a href="#">3D Model</a>	<a href="#">Application Specification AS-504051-001-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification SPK-504050-001-001 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification 5040511001-PS-000 (PDF)</a>	<a href="#">Product Literature (PDF)</a>
<a href="#">Product Specification PS-504051-001-001 (PDF)</a>	

Agency Certification	
CSA	LR19980
UL	E29179
General	
Product Family	PCB Headers
Series	504050
Application	Signal, Wire-to-Board
Comments	See Molex product specification PS-504051-001 for additional current de-rating information
Overview	<a href="#">Pico-Lock Connector System</a>
Product Name	Pico-Lock
UPC	191128805025
Physical	
Breakaway	No
Circuits (Loaded)	2
Circuits (maximum)	2
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	93.180/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

EU ELV	
Not Relevant	
EU RoHS	China RoHS
Compliant	
REACH SVHC	
Not Contained Per - D(2020)9139-DC (19 Jan 2021)	
Halogen-Free	
Status	
Low-Halogen	
For more information, please visit <a href="#">Contact US</a>	
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](#)

**Electrical**

Current - Maximum per Contact	3.5A
Voltage - Maximum	150V AC (RMS)/DC

**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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