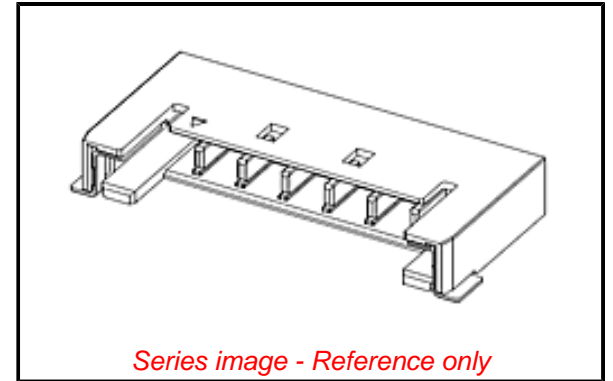


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Part Number: **5040501091**
Status: **Active**
Overview: Pico-Lock Connector System
Description: 1.50mm Pitch Pico-Lock™ Surface Mount Wire-to-Board Header, Right Angle, 2.00mm Mated Height, Positive Side Locks, 10 Circuits

Documents:

3D Model	Application Specification AS-504051-001-001 (PDF)
Drawing (PDF)	Application Specification AS-504051-002-001 (PDF)
Product Specification PS-504051-001-001 (PDF)	Packaging Specification SPK-504050-001-001 (PDF)
Product Specification PS-504051-002-001 (PDF)	RoHS Certificate of Compliance (PDF)



Agency Certification

UL E29179

General

Product Family	PCB Headers
Series	<u>504050</u>
Application	Wire-to-Board
Overview	<u>Pico-Lock Connector System</u>
Product Name	Pico-Lock
UPC	884982939875

Physical

Breakaway	No
Circuits (Loaded)	10
Circuits (maximum)	10
Color - Resin	Black
Durability (mating cycles max)	30
First Mate / Last Break	No
Glow-Wire Compliant	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 over Nickel
Material - Resin	High Temperature Thermoplastic
Net Weight	226.720/mg
Number of Rows	1
Orientation	Right Angle
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	1.50mm
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Surface Mount

Electrical

Current - Maximum per Contact	2.0A
Voltage - Maximum	150V

Material Info

Reference - Drawing Numbers

Application Specification	AS-504051-001-001, AS-504051-002-001
Packaging Specification	SPK-504050-001-001
Product Specification	PS-504051-001-001, PS-504051-002-001
Sales Drawing	SD-504050-001, SD-504050-002

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ED/30/2017 (7 July
2017)

**Halogen-Free
Status**

Low-Halogen

**Need more information on product
environmental compliance?**

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any
non-product compliance questions.

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

504050 Series

Mates With

504051 Pico-Lock™ Crimp Housing

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