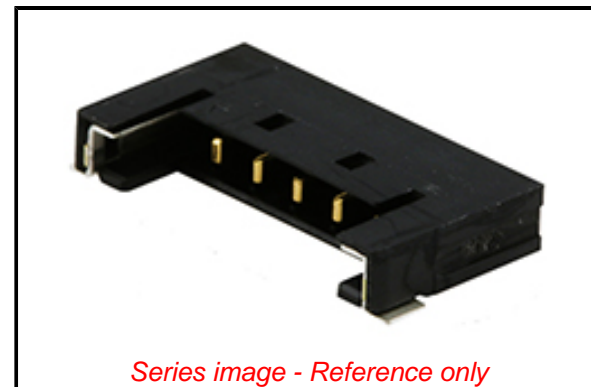


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Part Number: [5040500391](#)
Status: **Active**
Overview: [Pico-Lock Connector System](#)
Description: 1.50mm Pitch Pico-Lock Wire-to-Board Header, Dual Row, Right-Angle, Surface Mount, Gold over Nickel Plating, Positive Lock, 3 Circuits, 2.00mm Mated Height

Documents:

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



Series image - Reference only

General

Product Family	PCB Headers
Series	504050
Application	Signal, Wire-to-Board
CURRENT-MAX-NUMERIC	3.5
Comments	See Molex product specification PS-504051-001 for additional current de-rating information, See Molex product specification PS-504051-001 for additional current de-rating information
Overview	Pico-Lock Connector System
PITCH-MATING-NUMERIC	1.50
Product Literature Order No	987650-9061
Product Name	Pico-Lock
UPC	191128805049

Physical

Breakaway	No
Circuits (Loaded)	3
Circuits (maximum)	3
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	2.00mm
Material - Metal	Copper Alloy
Material - Plating Mating	Gold over Nickel
Material - Resin	High Temperature Thermoplastic
Net Weight	109.960/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

EU ELV

Not Relevant

EU 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

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[504050](#) Series

Mates With

[504051](#) Pico-Lock Crimp Housing

Current - Maximum per Contact
Voltage - Maximum

3.5A
150V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

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

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