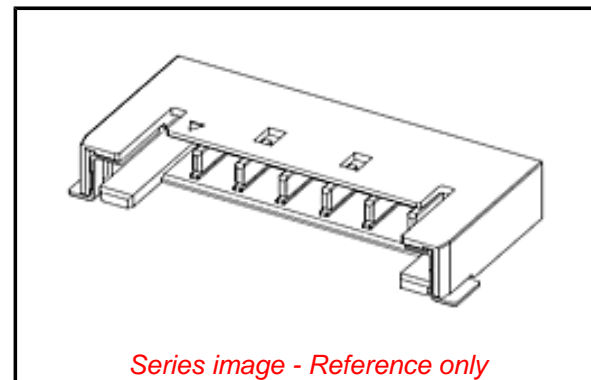


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Part Number: [5040500691](#)
Status: **Active**
Overview: Pico-Lock™ Connector System
Description: 1.50mm Pitch Pico-Lock™ Surface Mount Wire-to-Board Header, Right Angle, 2.00mm Mated Height, Positive Side Locks, 6 Circuits

Documents:

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



Agency Certification

UL E29179

General

Product Family	PCB Headers
Series	504050
Application	Wire-to-Board
Overview	<u>Pico-Lock™ Connector System</u>
Product Name	Pico-Lock™
UPC	884982939837

Physical

Breakaway	No
Circuits (Loaded)	6
Circuits (maximum)	6
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	159.900/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	3.0A
Voltage - Maximum	150V

Material Info

Reference - Drawing Numbers

Application Specification	AS-504051-001, AS-504051-002
Packaging Specification	SPK-504050-001

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ED/21/2016 (20 June 2016)

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
ELV

Green Image
Not Relevant

Search Parts in this Series
[504050 Series](#)

Mates With
[504051 Pico-Lock™ Crimp Housing](#)

Product Specification

Sales Drawing

PS-504051-001, PS-504051-002, RPS-504051-002,
RPS-504051-003, RPS-504051-004, RPS-504051-005,
RPS-504051-006
SD-504050-001, SD-504050-002

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