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Part Number: [5040500891](#)
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, 8 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

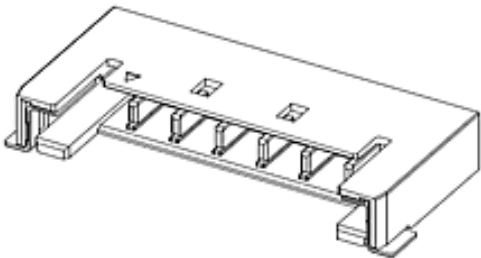
General	
Product Family	PCB Headers
Series	504050
Application	Wire-to-Board
Overview	Pico-Lock™ Connector System
Product Name	Pico-Lock™
UPC	887191259239

Physical	
Breakaway	No
Circuits (Loaded)	8
Circuits (maximum)	8
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	193.360/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



Series image - Reference only

EU ELV
Not Relevant

EU RoHS Compliant REACH SVHC Not Contained Per -ED/01/2017 (12 January 2017) Halogen-Free Status Low-Halogen	China RoHS
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Need more information on product environmental compliance?

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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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