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Part Number: **5040501291**

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, 12 Circuits, Tape and Reel

Series image - Reference only

Documents:

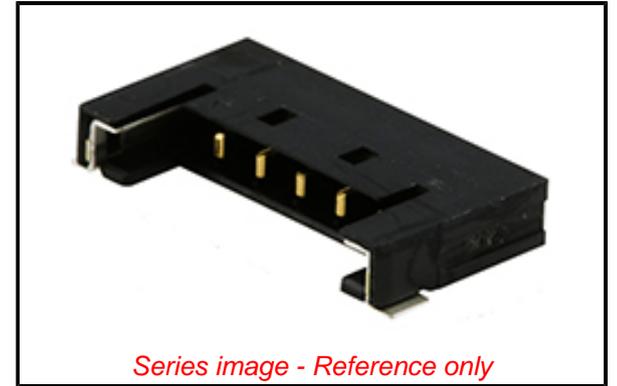|	
3D Model	Application Specification AS-504051-001-001 (PDF)
Drawing (PDF)	Packaging Specification SPK-504050-001-001 (PDF)
3D Model (PDF)	Datasheet (PDF)
Product Specification 5040511001-PS-000 (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification PS-504051-001-001 (PDF)	

Agency Certification
CSA	LR19980
UL	E29179

General
Product Family	PCB Headers
Series	504050
Application	Signal, Wire-to-Board
Component Type	PCB Header
Overview	Pico-Lock Connector System
Product Name	Pico-Lock
Taxonomy	PCB Headers and Receptacles
UPC	887191541518

Physical
Breakaway	No
Circuits (Loaded)	12
Circuits (maximum)	12
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	260.100/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(2022)9120-DC (17
Jan 2023)

Halogen-Free Status
Low-Halogen
For more information, please visit Contact US

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
Pico-Lock Cable Assembly 15132

Electrical
Current - Maximum per Contact   2.0A
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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