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Industry Solutions

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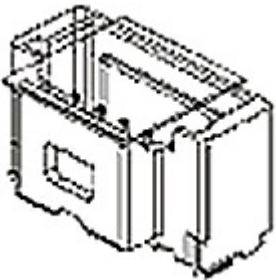
Resources

- Find Distributor

Contact Molex

Part Number: 504449-1507

1.00mm Pitch Pico-Clasp™ Wire-to-Board Header, Surface Mount, Single Row, Vertical, Gold Plated, with Inner Positive Lock, with Pick-and-Place Tape, 15 Circuits



Series image - Reference only

Status: Active

Series: [504449](#)

Category: PCB Headers

Overview: [Pico-Clasp™ Wire-to-Board Connectors](#)

Mates With Part(s):

Pico-Clasp™ Female Housing [501330](#)

Product Environmental Compliance

[EU ELV](#):Not Relevant

[EU RoHS](#):Compliant

[EU RoHS Phthalates](#):Not Contained

[China RoHS](#):

[REACH SVHC](#):Not Contained Per -ED/01/2017 (12 January 2017)

[Low-Halogen Status](#):Not Low-Halogen

Part Detail

General		
Status	Active	
Category	PCB Headers	
Series	504449	
Application	Signal, Wire-to-Board	
Overview	Pico-Clasp™ Wire-to-Board Connectors	
Product Name	Pico-Clasp™	
UPC	887191267388	
Physical		
Breakaway	No	
Circuits (Loaded)	15	
Circuits (maximum)	15	
Color - Resin	Natural	
Durability (mating cycles max)	30	
First Mate / Last Break	No	
Glow-Wire Compliant	No	
Guide to Mating Part	No	
Keying to Mating Part	None	
Lock to Mating Part	Yes	
Material - Metal	Phosphor Bronze	

Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	Polyamide
Net Weight	285.400/mg
Number of Rows	1
Orientation	Vertical
PCB Locator	No
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	1.00mm
Plating min - Mating	0.102µm
Plating min - Termination	0.102µm
Polarized to Mating Part	Yes
Polarized to PCB	No
Robotic Placement	Vacuum Pick-Up Tape
Shrouded	Fully
Stackable	No
Temperature Range - Operating	-40°C to +85°C
Termination Interface: Style	Surface Mount
Electrical	

(Please review the Product Specification for specific details.)

Current - Maximum per Contact	1.0A
Voltage - Maximum	50V AC (RMS)/DC
Reference - Drawing Numbers	

Packaging Specification	SPK-504449-001-001
Product Specification	PS-504449-001-001
Sales Drawing	SD-504449-002, SD-504449-004

Application Tooling

Tooling specifications and manuals are found by selecting the products below.

Crimp Height Specifications are then contained in the Application Tooling Specification document.

Previously Available Application Tooling

[Check our list of old tooling that used to be available for this part](#)

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