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Part Number: [5015681007](#)
Status: **Active**
Overview: [Pico-Clasp™ Wire-to-Board Connectors](#)
Description: 1.00mm Pitch Pico-Clasp™ Wire-to-Board Header, Surface Mount, Single Row, Right Angle, Tin Plated, with Inner Positive Lock, 10 Circuits

Documents:
[3D Model](#)
[Drawing \(PDF\)](#)
[Product Specification PS-501568-001-001 \(PDF\)](#)
[Packaging Specification SPK-501568-001-001 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

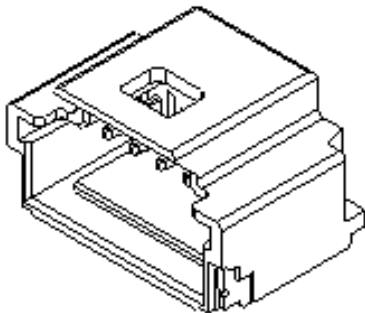
Agency Certification	
UL	E29179
General	
Product Family	PCB Headers
Series	501568
Application	Signal, Wire-to-Board
Overview	Pico-Clasp™ Wire-to-Board Connectors
Product Name	Pico-Clasp™
UPC	822348871865

Physical	
Breakaway	No
Circuits (Loaded)	10
Circuits (maximum)	10
Color - Resin	Natural
Durability (mating cycles max)	30
Glow-Wire Compliant	No
Lock to Mating Part	Yes
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Nylon
Net Weight	213.200/mg
Number of Rows	1
Orientation	Right Angle
PCB Locator	No
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	1.00mm
Polarized to Mating Part	Yes
Polarized to PCB	No
Stackable	No
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Surface Mount

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

Material Info

Reference - Drawing Numbers	
Packaging Specification	SPK-501568-001-001
Product Specification	PS-501568-001-001
Sales Drawing	SD-501568-002, SD-501568-006



Series image - Reference only

EU ELV Not Relevant	
EU RoHS Compliant REACH SVHC Not Contained Per - ED/30/2017 (7 July 2017) Halogen-Free Status Not 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 China ROHS ELV RoHS Phthalates
	Green Image Not Relevant Not Contained

Search Parts in this Series
[501568](#) Series

Mates With
[501330](#) Pico-Clasp™ Wire-to-Board Female
Housing

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