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Part Number: 5011905017
Status: Active
Overview: Pico-Clasp Wire-to-Board Connectors
Description: 1.00mm Pitch, Pico-Clasp PCB Header, Dual Row, Vertical, Surface Mount, 0.10µm Gold Plated, with Inner Positive Lock, 50 Circuits

Series image - Reference only

Documents:

Drawing (PDF)
3D Model (PDF)
3D Model
Product Specification 5011890000-PS-001 (PDF)
Product Specification 5011891000-PS-001 (PDF)
Product Specification PS-501190-003-001 (PDF)
Product Specification PS-501190-004-001 (PDF)
Application Specification 5011890000-AS-000 (PDF)
Packaging Specification SPK-501190-001-001 (PDF)
RoHS Certificate of Compliance (PDF)

Agency Certification	
UL	E29179
General	
Product Family	PCB Headers
Series	501190
Application	Signal, Wire-to-Board
Comments	With Pick-and-Place Tape
Overview	Pico-Clasp Wire-to-Board Connectors
Product Name	Pico-Clasp
UPC	822348790166
Physical	
Breakaway	No
Circuits (Loaded)	50
Circuits (maximum)	50
Color - Resin	Natural
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	None
Lock to Mating Part	Yes
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	Nylon
Net Weight	640.300/mg
Number of Rows	2
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	Yes
Robotic Placement	Vacuum Pick-Up Tape
Shrouded	Fully
Stackable	No
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(2020)9139-DC (19 Jan 2021)

Halogen-Free Status
Not 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
501190 Series

Mates With
Pico-Clasp Female Housing 501189

Electrical	
Current - Maximum per Contact	1.0A
Voltage - Maximum	100V AC (RMS)/DC
Material Info	
Reference - Drawing Numbers	
Application Specification	5011890000-AS-000
Packaging Specification	SPK-501190-001-001
Product Specification	5011890000-PS-001, 5011891000-PS-001, PS-501190-003-001, PS-501190-004-001
Sales Drawing	5011900000-SD-000, SD-501190-003-001, SD-501190-003-002, SD-501190-004-001, SD-501190-004-002, SD-501190-004-003

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