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Part Number: 5011902017
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, Inner Positive Lock, 20 Circuits, Natural

Series image - Reference only

Documents:

- 2D Drawing (DXF)
- 2D Drawing DXF (PDF)
- 3D Model
- 3D Model (PDF)
- Drawing (PDF)
- Product Specification 5011890000-PS-001 (PDF)
- Product Specification 5011891000-PS-001 (PDF)
- Product Specification 5011891000-PS-JAP-001 (PDF)
- Application Specification 5011890000-AS-000 (PDF)
- Packaging Specification SPK-501190-001-001 (PDF)
- Datasheet (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
Taxonomy	PCB Headers and Receptacles
UPC	822348790203

Physical

Breakaway	No
Circuits (Loaded)	20
Circuits (maximum)	20
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	315.600/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

EU ELV
Not Relevant

EU RoHS **China RoHS**
Compliant

REACH SVHC
Not Contained Per - D(2022)4187-DC (10 June 2022)

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
501189 Pico-Clasp Wire-to-Board Female Housing

Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Surface Mount
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, 5011891000-PS-JAP-001
Sales Drawing	5011900000-SD-000

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