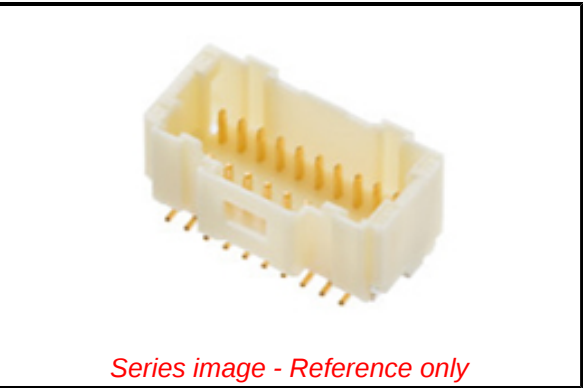


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Part Number:	5011905027
Status:	Active
Overview:	Pico-Clasp Wire-to-Board Connectors
Description:	1.00mm Pitch, Pico-Clasp PCB Header, Dual Row, Vertical, Surface Mount, 0.10µm Gold Plated, with Inner Positive Lock, 50 Circuits
Documents:	
Drawing (PDF)	Application Specification 5011890000-AS-000 (PDF)
3D Model	RoHS Certificate of Compliance (PDF)
Product Specification PS-501190-004-001 (PDF)	



Series image - Reference only

Agency Certification	
UL	E29179
General	
Product Family	PCB Headers
Series	501190
Application	Signal, Wire-to-Board
CURRENT-MAX-NUMERIC	1.0
Comments	Without Pick-and-Place Tape, Without Pick-and-Place Tape
Overview	Pico-Clasp Wire-to-Board Connectors
PITCH-MATING-NUMERIC	1.00
Product Name	Pico-Clasp
UPC	822350003612
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
Stackable	No
Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Surface Mount

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
ED/71/2019 (16 July
2019)

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	50V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Application Specification	5011890000-AS-000
Product Specification	PS-501190-004-001
Sales Drawing	SD-501190-003-001, SD-501190-003-002, SD-501190-004-001, SD-501190-004-002, SD-501190-004-003

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