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Part Number: [5015712007](#)
Status: **Active**
Overview: Pico-Clasp Wire-to-Board Connectors
Description: 1.00mm Pitch Pico-Clasp Wire-to-Board Header, Surface Mount, Dual Row, Right-Angle, 0.10µm Gold Plated, with Inner Positive Lock, 20 Circuits

Documents:
[3D Model](#) [Application Specification 5011890000-A00 \(PDF\)](#)
[Drawing \(PDF\)](#) [Application Specification 5011890000-A01 \(PDF\)](#)
[Product Specification PS-501571-001-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

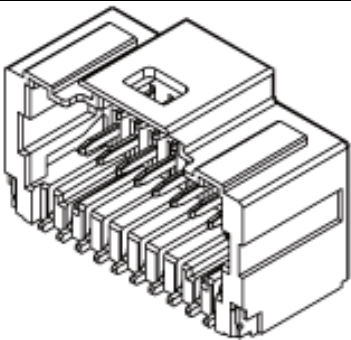
General
Product Family PCB Headers
Series [501571](#)
Application Signal, Wire-to-Board
Overview Pico-Clasp Wire-to-Board Connectors
Product Name Pico-Clasp
UPC 822348828401

Physical
Breakaway No
Circuits (Loaded) 20
Circuits (maximum) 20
Color - Resin Natural
Durability (mating cycles max) 30
First Mate / Last Break No
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 626.500/mg
Number of Rows 2
Orientation Right Angle
PCB Locator No
PCB Retention Yes
Packaging Type Embossed Tape on Reel
Pitch - Mating Interface 1.00mm
Pitch - Termination Interface 1.00mm
Plating min - Mating 0.102µm
Plating min - Termination 0.102µm
Polarized to Mating Part Yes
Polarized to PCB Yes
Shrouded Yes
Stackable No
Temperature Range - Operating -40° 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



Series image - Reference only

EU ELV
Not Relevant

EU RoHS	China RoHS
Compliant	
REACH SVHC	
Not Contained Per - ED/61/2018 (27 June 2018)	
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
[501571](#) Series

Mates With
Pico-Clasp Female Housing [501189](#)

Application Specification
Product Specification
Sales Drawing

5011890000-A00, 5011890000-A01
PS-501571-001-001
SD-501571-001, SD-501571-002

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