

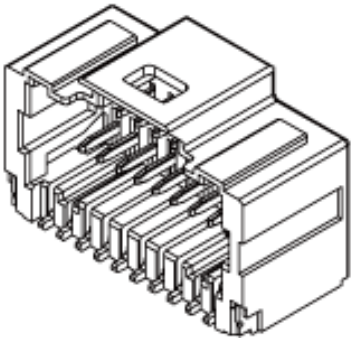
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Part Number: [5015714007](#)
Status: **Active**
Overview: Pico-Clasp Wire-to-Board Connectors
Description: 1.00mm Pitch Pico-Clasp Wire-to-Board Header, Surface Mount, Dual Row, Right Angle, 0.10µm Gold Plated, with Inner Positive Lock, 40 Circuits

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
Data Load Status Collected FY08-Verified FY08
Doc Info - Component E-501571-003_B, PS-501571-001_B, PS-501571-002_A, RPS-501190-003_D, RPS-501331-001_C, SD-501571-001_A, SD-501571-002_0, SPK-501571-001_5015700108, 5015714008, 5015720108, 5015730108
Made From Pico-Clasp Wire-to-Board Connectors
Overview Pico-Clasp
Product Name
UPC 822348828388

Physical
Breakaway No
Circuits (Loaded) 40
Circuits (maximum) 40
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 1084.000/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°C to +105°C
Temperature Range NonOperating -40°C to +85°C
Termination Interface: Style Surface Mount



Series image - Reference only

EU ELV
Not Relevant

EU RoHS **China 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 Green Image
ELV Not Relevant
RoHS Phthalates Not Contained

Search Parts in this Series
[501571](#) 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-A00, 5011890000-A01
Product Specification	PS-501571-001-001
Sales Drawing	SD-501571-001, SD-501571-002

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