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Part Number: [5013310507](#)
Status: **Active**
Overview: Pico-Clasp Wire-to-Board Connectors
Description: 1.00mm Pitch Pico-Clasp Wire-to-Board Header, Surface Mount, Single Row, Vertical, Tin Plated, with Inner Friction Lock, with Pick-and-Place Tape, 5 Circuits

Documents:

[3D Model](#) [Packaging Specification SPK-501331-001-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-501331-001-001 \(PDF\)](#)

Agency Certification

UL E29179

General

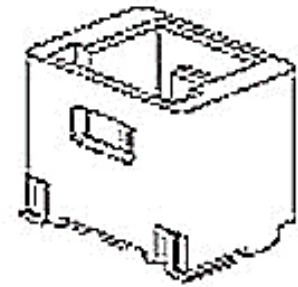
Product Family PCB Headers
Series [501331](#)
Application Signal, Wire-to-Board
Doc Info - Component E-501331-003_F, E-501331-005_C, PS-501331-001_A, RPK-501331-001_A, RPS-501331-001_C, RPS-501331-002_B, RPS-501331-003_A, RSD-501331-003
Made From 5013310508, 5013320009, 5013330108, 5013331108
Overview [Pico-Clasp Wire-to-Board Connectors](#)
Product Name Pico-Clasp
UPC 822348542741

Physical

Breakaway No
Circuits (Loaded) 5
Circuits (maximum) 5
Color - Resin Natural
Durability (mating cycles max) 30
Glow-Wire Capable No
Lock to Mating Part Yes
Material - Metal Phosphor Bronze
Material - Plating Mating Tin
Material - Plating Termination Tin
Material - Resin Nylon
Net Weight 120.600/mg
Number of Rows 1
Orientation Vertical
PCB Locator No
PCB Retention Yes
Packaging Type Embossed Tape on Reel
Pitch - Mating Interface 1.00mm
Polarized to Mating Part Yes
Polarized to PCB No
Robotic Placement Vacuum Pick-Up Tape
Stackable No
Temperature Range - Operating -40°C to +105°C
Temperature Range NonOperating -40°C to +85°C
Termination Interface: Style Surface Mount

Electrical

Current - Maximum per Contact 1.0A
Voltage - Maximum 50V AC (RMS)/DC



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
-ED/01/2018 (15
January 2018)

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

[501331](#) Series

Mates With

[501330](#) Pico-Clasp Wire-to-Board Female Housing

Material Info

Reference - Drawing Numbers

Packaging Specification

Product Specification

Sales Drawing

SPK-501331-001-001

PS-501331-001-001

SD-501331-001, SD-501331-003

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