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Part Number: [5013310407](#)
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, 4 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
 Overview [Pico-Clasp™ Wire-to-Board Connectors](#)
 Product Name Pico-Clasp™
 UPC 822348542758

Physical

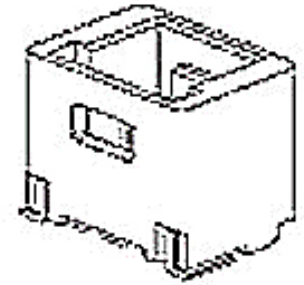
Breakaway No
 Circuits (Loaded) 4
 Circuits (maximum) 4
 Color - Resin Natural
 Durability (mating cycles max) 30
 First Mate / Last Break No
 Glow-Wire Compliant No
 Guide to Mating Part No
 Keying to Mating Part None
 Lock to Mating Part Yes
 Material - Metal Phosphor Bronze
 Material - Plating Mating Tin
 Material - Plating Termination Tin
 Material - Resin Nylon
 Net Weight 105.300/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
 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

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

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[501331](#) Series

Mates With

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

Packaging Specification
Product Specification
Sales Drawing

SPK-501331-001-001
PS-501331-001-001
SD-501331-001, SD-501331-003

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