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**Part Number:** [5013310307](#)  
**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, 3 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 822348542765

**Physical**

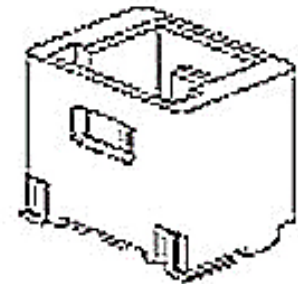
Breakaway No  
 Circuits (Loaded) 3  
 Circuits (maximum) 3  
 Color - Resin Natural  
 Durability (mating cycles max) 30  
 First Mate / Last Break No  
 Glow-Wire Compliant No  
 Guide to Mating Part No  
 Keying to Mating Part None  
 Lock to Mating Part Yes  
 Material - Metal Phosphor Bronze  
 Material - Plating Mating Tin  
 Material - Plating Termination Tin  
 Material - Resin Nylon  
 Net Weight 90.000/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](mailto: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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