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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
 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° 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

Packaging Specification SPK-501331-001-001
 Product Specification PS-501331-001-001
 Sales Drawing SD-501331-001, SD-501331-003



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
 -ED/88/2018 (15
 January 2019)

Halogen-Free

Status

Not Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[501331 Series](#)

Mates With

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

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