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Part Number: [5013310807](#)
Status: **Active**
Overview: Pico-Clasp™ Wire-to-Board Connectors
Description: 1.00mm Pitch Pico-Clasp™ Wire-to-Board Header, Surface Mount, Single Row, Vertical, with Positive Lock, 8 Circuits, with Cover Tape

Documents:

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

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 822348542857

Physical

Breakaway No
Circuits (Loaded) 8
Circuits (maximum) 8
Color - Resin Natural
Durability (mating cycles max) 30
Glow-Wire Compliant No
Lock to Mating Part Yes
Material - Metal Phosphor Bronze
Material - Plating Mating Tin
Material - Plating Termination Tin
Material - Resin Nylon
Net Weight 178.400/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

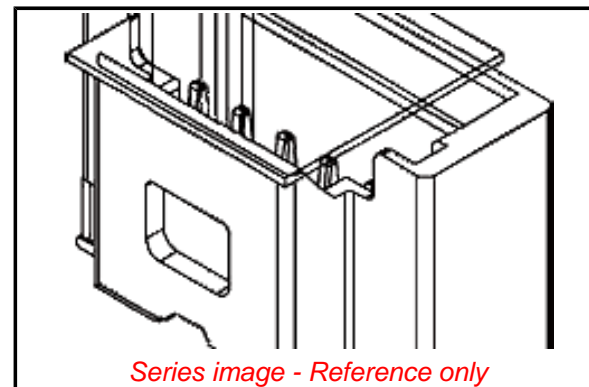
Electrical

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

Material Info

Reference - Drawing Numbers

Packaging Specification SPK-501331-001
Product Specification PS-501331-001, RPS-501331-001, RPS-501331-002, RPS-501331-003, RPS-501331-005, RPS-501331-006,



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
-ED/79/2015 (17
December 2015)

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

China RoHS

Green Image

Not Relevant

Search Parts in this Series

[501331](#) Series

Mates With

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

Sales Drawing

RPS-501331-007, RPS-501331-009, RPS-501331-010,
RPS-501331-012, RPS-501331-013, RPS-501940-001,
RPS-501940-002
SD-501331-002, SD-501331-004

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