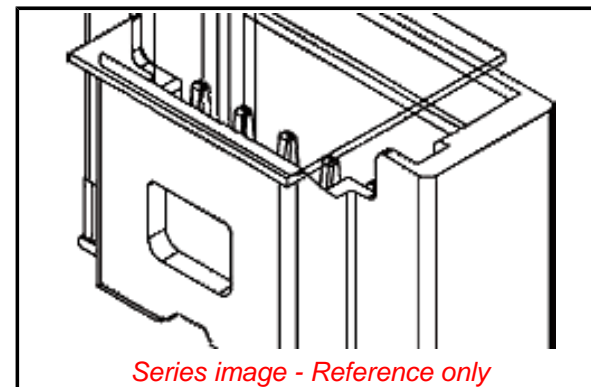


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**Part Number:** [5013311407](#)  
**Status:** **Active**  
**Overview:** Pico-Clasp™ Wire-to-Board Connectors  
**Description:** 1.00mm Pitch Pico-Clasp™ Wire-to-Board Header, Surface Mount, Single Row, Vertical, with Positive Lock, 14 Circuits, with Cover Tape

**Documents:**

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



Series image - Reference only

**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 822348542796

**Physical**

Breakaway No  
 Circuits (Loaded) 14  
 Circuits (maximum) 14  
 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 270.100/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,

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Yes -ED/39/2015 (15 June 2015)  
 Acetamide, N-methyl-dinoseb (ISO)  
 furan  
 C,C'-azodi(formamide)  
 tricosafuorododecanoic acid  
 heptacosafuorotetradecanoic acid  
 methoxyacetic acid  
 1,2-diethoxyethane  
 hencosafuoroundecanoic acid  
 sodium  
 peroxometaborate  
 pentacosafuorotridecanoic acid  
 3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidi  
 Disodium tetraborate  
 Boric acid  
 Trixylyl phosphate  
 4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated  
 Methylhexahydrophthalic anhydride  
 Sodium perborate; perboric acid, sodium salt  
 Silicic acid (H<sub>2</sub>SiO<sub>5</sub>), barium salt (1:1), lead-  
 Trichloroethylene  
 1,2,3-Trichloropropane

**China RoHS**

Sales Drawing

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

1,2-dichloroethane  
1-bromopropane  
Tris(2-chloroethyl)  
phosphate  
Boric acid, disodium  
salt, hydrate  
formamide  
4,4'-  
bis(dimethylamino)benzophenone  
N,N,N',N'-  
tetramethyl-4,4'-  
methyldianiline  
1,2-bis(2-  
methoxyethoxy)ethane  
[4-[4,4'-  
Bis(dimethylamino)benzhydrylidene]cyclo  
4,4'-  
bis(dimethylamino)-4''-  
(methylamino)trityl  
Diboron-trioxide  
[4-[[4-Anilino-1-  
naphthyl][4-  
(dimethylamino)phen  
#,#-Bis[4-  
(dimethylamino)phenyl]-4  
(phenylamino)  
diethyl sulphate  
propylene oxide

**Halogen-Free**

**Status**

**Not Low-Halogen**

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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

Green Image  
Not Relevant

**Search Parts in this Series**

[501331](#) Series

**Mates With**

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

This document was generated on 12/07/2015

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