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Part Number: [5013310507](#)
Status: **Active**
Overview: Pico-Clasp Wire-to-Board Connectors
Description: 1.00mm Pitch, Pico-Clasp PCB Header, Single Row, Vertical, Surface Mount, Tin Plated, Friction Lock, 5 Circuits, Natural

Documents:

| | |
|---|---|
| 3D Model (PDF) | Product Specification 5013301000-PS-003 (PDF) |
| 3D Model | Product Specification 5013301000-PS-004 (PDF) |
| Drawing (PDF) | Application Specification 5013300000-AS-000 (PDF) |
| Product Specification 5013300000-PS-001 (PDF) | Packaging Specification SPK-501331-001-001 (PDF) |
| Product Specification 5013301000-PS-001 (PDF) | RoHS Certificate of Compliance (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 |
| First Mate / Last Break | No |
| 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 |
| Shrouded | Fully |
| Stackable | No |
| Temperature Range - Operating | -40° to +105°C |
| Termination Interface: Style | Surface Mount |

Electrical

| | |
|-------------------------------|------------------|
| Current - Maximum per Contact | 1.5A |
| Voltage - Maximum | 100V AC (RMS)/DC |

Material Info



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2021)4569-DC (8
July 2021)

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

Reference - Drawing Numbers

Application Specification

5013300000-AS-000

Packaging Specification

SPK-501331-001-001

Product Specification

5013300000-PS-001, 5013301000-PS-001,

5013301000-PS-003, 5013301000-PS-004

Sales Drawing

5013310000-SD-000

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