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# Part Number: 504449-1507

**1.00mm Pitch Pico-Clasp™ Wire-to-Board Header, Surface Mount, Single Row, Vertical, Gold Plated, with Inner Positive Lock, with Pick-and-Place Tape, 15 Circuits**
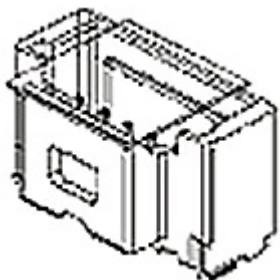


Series image - Reference only

**Status:** Active
**Series:** 504449
**Category:** PCB Headers
**Overview:** Pico-Clasp™ Wire-to-Board Connectors

## Mates With Part(s):

Pico-Clasp™ Female Housing 501330

## Product Environmental Compliance

**EU ELV:**Not Relevant

**EU RoHS:**Compliant

**EU RoHS Phthalates:**Not Contained

**China RoHS:** ⓔ

**REACH SVHC:**Not Contained Per -ED/01/2017 (12 January 2017)

**Low-Halogen Status:**Not Low-Halogen

## Part Detail

**General**

| Status | **Active** |
|---|---|
| **Category** | PCB Headers |
| **Series** | 504449 |
| **Application** | Signal, Wire-to-Board |
| **Overview** | Pico-Clasp™ Wire-to-Board Connectors |
| **Product Name** | Pico-Clasp™ |
| **UPC** | 887191267388 |

**Physical**

| Breakaway | No |
|---|---|
| **Circuits (Loaded)** | 15 |
| **Circuits (maximum)** | 15 |
| **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** | Gold |
| **Material - Plating Termination** | Gold |
| **Material - Resin** | Polyamide |
| **Net Weight** | 285.400/mg |
| **Number of Rows** | 1 |
| **Orientation** | Vertical |
| **PCB Locator** | No |
| **PCB Retention** | Yes |
| **Packaging Type** | Embossed Tape on Reel |
| **Pitch - Mating Interface** | 1.00mm |
| **Plating min - Mating** | 0.102µm |
| **Plating min - Termination** | 0.102µm |
| **Polarized to Mating Part** | Yes |
| **Polarized to PCB** | No |
| **Robotic Placement** | Vacuum Pick-Up Tape |
| **Shrouded** | Fully |
| **Stackable** | No |
| **Temperature Range - Operating** | -40°C to +85°C |
| **Termination Interface: Style** | Surface Mount |

**Electrical**

**(Please review the Product Specification for specific details.)**

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

**Reference - Drawing Numbers**

| | |
|---|---|
| **Packaging Specification** | SPK-504449-001-001 |
| **Product Specification** | PS-504449-001-001 |
| **Sales Drawing** | SD-504449-002, SD-504449-004 |

## Application Tooling

Tooling specifications and manuals are found by selecting the products below.

Crimp Height Specifications are then contained in the Application Tooling Specification document.

**Previously Available Application Tooling**

Check our list of old tooling that used to be available for this part

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