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Part Number:

5015681407

Status:

Active

Overview:

Pico-Clasp Wire-to-Board Connectors

Description:

1.00mm Pitch, Pico-Clasp PCB Header, Single Row, Right-Angle, Surface Mount, Tin Plated, Inner Positive Lock, 14 Circuits, Natural

- Documents:
- Drawing (PDF)

2D Drawing (DXF)

2D Drawing DXF (PDF)

3D Model

3D Model (PDF)

Product Specification 5013300000-PS-001 (PDF)

Product Specification 5013301000-PS-001 (PDF)

Application Specification 5013300000-AS-000 (PDF)

Packaging Specification SPK-501568-001-001 (PDF)

Datasheet (PDF)

RoHS Certificate of Compliance (PDF)

|                                |                                     |
|--------------------------------|-------------------------------------|
| Agency Certification           |                                     |
| UL                             | E29179                              |
| General                        |                                     |
| Product Family                 | PCB Headers                         |
| Series                         | 501568                              |
| Application                    | Signal, Wire-to-Board               |
| Component Type                 | PCB Header                          |
| Overview                       | Pico-Clasp Wire-to-Board Connectors |
| Product Name                   | Pico-Clasp                          |
| Taxonomy                       | PCB Headers and Receptacles         |
| UPC                            | 822348871902                        |
| Physical                       |                                     |
| Breakaway                      | No                                  |
| Circuits (Loaded)              | 14                                  |
| Circuits (maximum)             | 14                                  |
| 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                     | 274.300/mg                          |
| Number of Rows                 | 1                                   |
| Orientation                    | Right Angle                         |
| 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                                  |
| Shrouded                       | Fully                               |
| Stackable                      | No                                  |
| Temperature Range - Operating  | -40° to +105°C                      |
| Termination Interface: Style   | Surface Mount                       |
| Electrical                     |                                     |
| Current - Maximum per Contact  | 1.0A                                |
| Voltage - Maximum              | 100V AC (RMS)/DC                    |



Series image - Reference only

|                                                               |               |
|---------------------------------------------------------------|---------------|
| EU ELV                                                        |               |
| Not Relevant                                                  |               |
| EU RoHS                                                       | China RoHS    |
| Compliant                                                     |               |
| REACH SVHC                                                    |               |
| Not Contained Per - D(2022)4187-DC (10 June 2022)             |               |
| Halogen-Free                                                  |               |
| Status                                                        |               |
| Not Low-Halogen                                               |               |
| For more information, please visit <a href="#">Contact US</a> |               |
| China ROHS                                                    | Green Image   |
| ELV                                                           | Not Relevant  |
| RoHS Phthalates                                               | Not Contained |

Search Parts in this Series

501568 Series

Mates With

501330 Pico-Clasp Wire-to-Board Female Housing

**Material Info**

**Reference - Drawing Numbers**

|                           |                                      |
|---------------------------|--------------------------------------|
| Application Specification | 5013300000-AS-000                    |
| Packaging Specification   | SPK-501568-001-001                   |
| Product Specification     | 5013300000-PS-001, 5013301000-PS-001 |
| Sales Drawing             | 5015680000-SD-000                    |

This document was generated on 02/06/2023

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