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Part Number:

5044490207

Status:

Active

Overview:

Pico-Clasp Wire-to-Board Connectors

Description:

1.00mm Pitch, Pico-Clasp PCB Header, Single Row, Vertical, Surface Mount, 0.10µm Gold Plated, with Inner Friction Lock, 2 Circuits, Natural



|                                                               |                                                                   |
|---------------------------------------------------------------|-------------------------------------------------------------------|
| Documents:                                                    |                                                                   |
| <a href="#">3D Model (PDF)</a>                                | <a href="#">Product Specification 5013301000-PS-002 (PDF)</a>     |
| <a href="#">3D Model</a>                                      | <a href="#">Application Specification 5013300000-AS-000 (PDF)</a> |
| <a href="#">Drawing (PDF)</a>                                 | <a href="#">Packaging Specification SPK-504449-001-001 (PDF)</a>  |
| <a href="#">Product Specification 5013300000-PS-002 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>              |

|                                |                                     |
|--------------------------------|-------------------------------------|
| General                        |                                     |
| Product Family                 | PCB Headers                         |
| Series                         | 504449                              |
| Application                    | Signal, Wire-to-Board               |
| Overview                       | Pico-Clasp Wire-to-Board Connectors |
| Product Name                   | Pico-Clasp                          |
| UPC                            | 887191268316                        |
| Physical                       |                                     |
| Breakaway                      | No                                  |
| Circuits (Loaded)              | 2                                   |
| Circuits (maximum)             | 2                                   |
| Color - Resin                  | Natural                             |
| Durability (mating cycles max) | 30                                  |
| First Mate / Last Break        | No                                  |
| Glow-Wire Capable              | 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                     | 74.700/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° to +85°C                       |
| Termination Interface: Style   | Surface Mount                       |
| Electrical                     |                                     |
| Current - Maximum per Contact  | 2.0A                                |
| Voltage - Maximum              | 100V AC (RMS)/DC                    |

Material Info

|                                                               |               |
|---------------------------------------------------------------|---------------|
| EU ELV                                                        |               |
| Not Relevant                                                  |               |
| EU RoHS                                                       | China RoHS    |
| Compliant                                                     |               |
| REACH SVHC                                                    |               |
| Not Contained Per - D(2020)9139-DC (19 Jan 2021)              |               |
| 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

504449 Series

Mates With

Pico-Clasp Female Housing 501330

**Reference - Drawing Numbers**

|                           |                                      |
|---------------------------|--------------------------------------|
| Application Specification | 5013300000-AS-000                    |
| Packaging Specification   | SPK-504449-001-001                   |
| Product Specification     | 5013300000-PS-002, 5013301000-PS-002 |
| Sales Drawing             | 5044490000-SD-000                    |

This document was generated on 04/06/2021

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