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Part Number:

5011904017

Status:

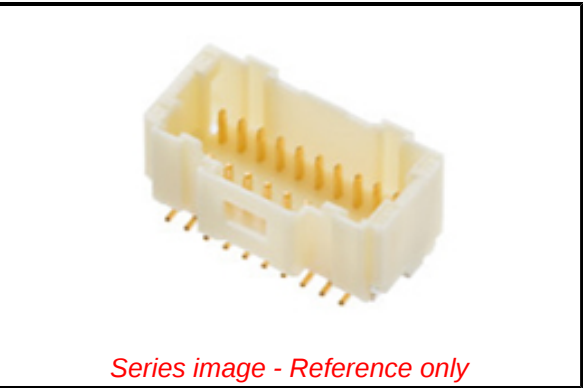
Active

Overview:

Pico-Clasp Wire-to-Board Connectors

Description:

1.00mm Pitch, Pico-Clasp PCB Header, Dual Row, Vertical, Surface Mount, 0.10µm Gold Plated, Inner Positive Lock, 40 Circuits, Natural



|                                                               |                                                                   |
|---------------------------------------------------------------|-------------------------------------------------------------------|
| <b>Documents:</b>                                             |                                                                   |
| <a href="#">2D Drawing DXF (PDF)</a>                          | <a href="#">Product Specification 5011891000-PS-001 (PDF)</a>     |
| <a href="#">3D Model (PDF)</a>                                | <a href="#">Product Specification 5011891000-PS-JAP-001 (PDF)</a> |
| <a href="#">Drawing (PDF)</a>                                 | <a href="#">Application Specification 5011890000-AS-000 (PDF)</a> |
| <a href="#">3D Model</a>                                      | <a href="#">Packaging Specification SPK-501190-001-001 (PDF)</a>  |
| <a href="#">2D Drawing (DXF)</a>                              | <a href="#">Datasheet (PDF)</a>                                   |
| <a href="#">Product Specification 5011890000-PS-001 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>              |

|                                |                                     |
|--------------------------------|-------------------------------------|
| <b>Agency Certification</b>    |                                     |
| UL                             | E29179                              |
| <b>General</b>                 |                                     |
| Product Family                 | PCB Headers                         |
| Series                         | 501190                              |
| Application                    | Signal, Wire-to-Board               |
| Comments                       | With Pick-and-Place Tape            |
| Overview                       | Pico-Clasp Wire-to-Board Connectors |
| Product Name                   | Pico-Clasp                          |
| Taxonomy                       | PCB Headers and Receptacles         |
| UPC                            | 822348790180                        |
| <b>Physical</b>                |                                     |
| Breakaway                      | No                                  |
| Circuits (Loaded)              | 40                                  |
| Circuits (maximum)             | 40                                  |
| Color - Resin                  | Natural                             |
| Durability (mating cycles max) | 30                                  |
| First Mate / Last Break        | No                                  |
| Flammability                   | 94V-0                               |
| 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               | Nylon                               |
| Net Weight                     | 532.100/mg                          |
| Number of Rows                 | 2                                   |
| 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               | Yes                                 |
| Robotic Placement              | Vacuum Pick-Up Tape                 |
| Shrouded                       | Fully                               |
| Stackable                      | No                                  |

|                                                               |                   |
|---------------------------------------------------------------|-------------------|
| <b>EU ELV</b>                                                 |                   |
| Not Relevant                                                  |                   |
| <b>EU RoHS</b>                                                | <b>China RoHS</b> |
| Compliant                                                     |                   |
| <b>REACH SVHC</b>                                             |                   |
| Not Contained Per - D(2022)4187-DC (10 June 2022)             |                   |
| <b>Halogen-Free</b>                                           |                   |
| <b>Status</b>                                                 |                   |
| 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

501190 Series

Mates With

Pico-Clasp Female Housing 501189

|                                    |                                                                |
|------------------------------------|----------------------------------------------------------------|
| Temperature Range - Operating      | -40° to +105°C                                                 |
| Termination Interface: Style       | Surface Mount                                                  |
| <b>Electrical</b>                  |                                                                |
| Current - Maximum per Contact      | 1.0A                                                           |
| Voltage - Maximum                  | 100V AC (RMS)/DC                                               |
| <b>Material Info</b>               |                                                                |
| <b>Reference - Drawing Numbers</b> |                                                                |
| Application Specification          | 5011890000-AS-000                                              |
| Packaging Specification            | SPK-501190-001-001                                             |
| Product Specification              | 5011890000-PS-001, 5011891000-PS-001,<br>5011891000-PS-JAP-001 |
| Sales Drawing                      | 5011900000-SD-000                                              |

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