

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [5015681267](#)  
**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, 12 Circuits, Green

**Documents:**

|   |   |
|---|---|
| <a href="#">Drawing (PDF)</a>                                 | <a href="#">Application Specification 5013300000-AS-000 (PDF)</a> |
| <a href="#">Product Specification 5013300000-PS-001 (PDF)</a> | <a href="#">Packaging Specification SPK-501568-002-001 (PDF)</a>  |
| <a href="#">Product Specification 5013301000-PS-001 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>              |

**Agency Certification**

UL E29179

**General**

|                |   |
|----------------|---|
| Product Family | PCB Headers   |
| Series         | <a href="#">501568</a>                              |
| Application    | Signal, Wire-to-Board                               |
| Overview       | <a href="#">Pico-Clasp Wire-to-Board Connectors</a> |
| Product Name   | Pico-Clasp  |
| UPC            | 800756911410  |

**Physical**

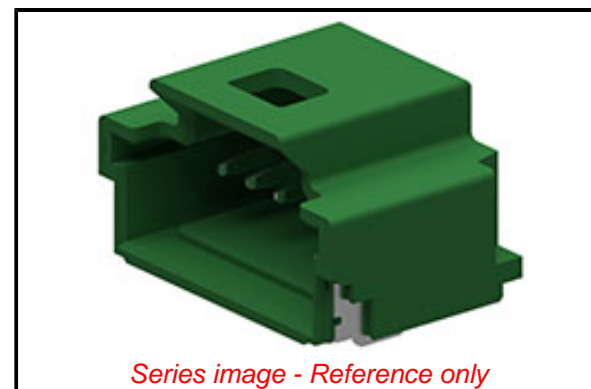
|                                |                       |
|--------------------------------|-----------------------|
| Breakaway                      | No                    |
| Circuits (Loaded)              | 12                    |
| Circuits (maximum)             | 12                    |
| Color - Resin                  | Green                 |
| 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      | Tin                   |
| Material - Plating Termination | Tin                   |
| Material - Resin               | Nylon                 |
| Net Weight                     | 243.730/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 |

**Material Info**

**Reference - Drawing Numbers**



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU 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 [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[501568 Series](#)

**Mates With**

[501330](#) Pico-Clasp Wire-to-Board Female Housing

Application Specification  
Packaging Specification  
Product Specification  
Sales Drawing

5013300000-AS-000  
SPK-501568-002-001  
5013300000-PS-001, 5013301000-PS-001  
SD-501568-002-001, SD-501568-006-001,  
SD-501568-006-002, SD-501568-006-003

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