



**Part Number :** [5013300600](#)

**Product Description :** 1.00mm Pitch, Pico-Clasp  
Low-Halogen Receptacle Crimp Housing, Single Row,  
Inner Positive Lock, 6 Circuits, White

**Series Number :** 501330

**Status :** Active

**Product Category :** Connector Housings

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## Documents & Resources

### Drawings

[5013300600\\_sd.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

[5013300600.dxf](#)

### Specifications

[5013300000-AS-000.pdf](#)

[5013300000-AS-001.pdf](#)

[SPK-501330-001-001.pdf](#)

[5013300000-PS-001.pdf](#)

[5013300000-PS-002.pdf](#)

[5013300000-PS-003.pdf](#)

[5013300000-PS-004.pdf](#)

[5013301000-PS-001.pdf](#)

[5013301000-PS-002.pdf](#)

[5013301000-PS-003.pdf](#)

[5013301000-PS-004.pdf](#)

[5013301000-PS-CHI-001.pdf](#)

[5013301000-PS-CHI-002.pdf](#)

[5013301000-PS-JAP-002.pdf](#)

[PS-501331-001-001.pdf](#)

## Product Environment Compliance

### Compliance

|                    |                                                                                                            |
|--------------------|------------------------------------------------------------------------------------------------------------|
| GADSL/IMDS         | Not Relevant                                                                                               |
| China RoHS         | <br>per SJ/T 11365-2006 |
| EU ELV             | Compliant per 2000/53/EC                                                                                   |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21                                                                             |
| REACH SVHC         | Not Contained per D(2025)4165-DC<br>(25 June 2025)                                                         |
| EU RoHS            | Compliant per EU 2015/863                                                                                  |

### Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

### Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

### Substances of Interest

- PFAS

### EU RoHS Certificate of Compliance

### Additional Product Compliance Information

## Part Details

### General

|             |                                                                                                                   |
|-------------|-------------------------------------------------------------------------------------------------------------------|
| Status      | Active                                                                                                            |
| Category    | Connector Housings                                                                                                |
| Series      | 501330                                                                                                            |
| Description | 1.00mm Pitch, Pico-Clasp Low-Halogen Receptacle Crimp Housing, Single Row, Inner Positive Lock, 6 Circuits, White |
| Application | Signal, Wire-to-Board                                                                                             |

|              |              |
|--------------|--------------|
| Product Name | Pico-Clasp   |
| UPC          | 822348529599 |

## Agency

|    |        |
|----|--------|
| UL | E29179 |
|----|--------|

## Physical

|                               |                |
|-------------------------------|----------------|
| Circuits (maximum)            | 6              |
| Color - Resin                 | White          |
| Gender                        | Receptacle     |
| Glow-Wire Capable             | No             |
| Keying to Mating Part         | None           |
| Lock to Mating Part           | Yes            |
| Material - Resin              | Nylon          |
| Net Weight                    | 0.750/g        |
| Number of Rows                | 1              |
| Packaging Type                | Bag            |
| Panel Mount                   | No             |
| Pitch - Mating Interface      | 1.00mm         |
| Pitch - Termination Interface | 1.00mm         |
| Polarized to Mating Part      | Yes            |
| Stackable                     | No             |
| Temperature Range - Operating | -40° to +105°C |

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## Mates With / Use With

### Mates with Part(s)

| Description                                            | Part Number   |
|--------------------------------------------------------|---------------|
| Pico-Clasp Vertical, Single Row, Surface Mount Headers | <u>203556</u> |
| Pico-Clasp Vertical, Single Row, Surface Mount Headers | <u>203557</u> |
| Pico-Clasp Vertical Single Row Headers                 | <u>501331</u> |
| Pico-Clasp Vertical Single Row Headers                 | <u>504449</u> |

|                                                                              |               |
|------------------------------------------------------------------------------|---------------|
| Pico-Clasp Right-Angle, Single Row,<br>Surface Mount Headers                 | <u>202396</u> |
| Pico-Clasp Right-Angle, Single Row,<br>Surface Mount Headers                 | <u>203558</u> |
| Pico-Clasp Right-Angle, Single Row,<br>Surface Mount Headers                 | <u>203559</u> |
| Pico-Clasp Right-Angle Single Row<br>Headers                                 | <u>501568</u> |
| Pico-Clasp Vertical, Single Row,<br>Surface Mount, Low-Halogen<br>Headers    | <u>208381</u> |
| Pico-Clasp Right-Angle, Single Row,<br>Surface Mount, Low-Halogen<br>Headers | <u>208387</u> |

### Use with Part(s)

| Description                       | Part Number   |
|-----------------------------------|---------------|
| Pico-Clasp Female Crimp Terminals | <u>501193</u> |
| Pico-Clasp Female Crimp Terminals | <u>501334</u> |

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## Application Tooling

### Global

| Description                                                           | Part Number      |
|-----------------------------------------------------------------------|------------------|
| Extraction Tool for Pico-Clasp Wire-<br>to-Board Terminals, 32-28 AWG | <u>638131700</u> |

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