

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

**Part Number:** [5011892011](#)  
**Status:** **Active**  
**Overview:** Pico-Clasp Wire-to-Board Connectors  
**Description:** 1.00mm Pitch, Pico-Clasp Low-Halogen Receptacle Crimp Housing, Dual Row, Inner Positive Lock, 20 Circuits, Black

**Documents:**

|   |   |
|---|---|
| <a href="#">3D Model</a>                                      | <a href="#">Product Specification 5011891000-PS-002 (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="#">2D Drawing (DXF)</a>                              | <a href="#">Application Specification 5011890000-AS-001 (PDF)</a> |
| <a href="#">2D Drawing DXF (PDF)</a>                          | <a href="#">Packaging Specification SPK-501189-001-001 (PDF)</a>  |
| <a href="#">Product Specification 5011890000-PS-002 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>              |

**Agency Certification**

UL E29179

**General**

|                |   |
|----------------|---|
| Product Family | Crimp Housings                                      |
| Series         | <a href="#">501189</a>                              |
| Application    | Signal, Wire-to-Board                               |
| Overview       | <a href="#">Pico-Clasp Wire-to-Board Connectors</a> |
| Product Name   | Pico-Clasp  |
| Taxonomy       | Connector Housings                                  |
| UPC            | 884982516830  |

**Physical**

|                               |                |
|-------------------------------|----------------|
| Circuits (maximum)            | 20             |
| Color - Resin                 | Black          |
| Flammability                  | 94V-0          |
| Gender                        | Receptacle     |
| Glow-Wire Capable             | No             |
| Lock to Mating Part           | Yes            |
| Material - Resin              | Nylon          |
| Net Weight                    | 152.000/mg     |
| Number of Rows                | 2              |
| 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 |

**Material Info**

**Reference - Drawing Numbers**

|                           |   |
|---------------------------|---|
| Application Specification | 5011890000-AS-000, 5011890000-AS-001                        |
| Packaging Specification   | SPK-501189-001-001  |
| Product Specification     | 5011890000-PS-002, 5011891000-PS-002, 5011891000-PS-JAP-001 |
| Sales Drawing             | 5011890000-SD-000   |



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -

**Halogen-Free**

**Status**

**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**

[501189 Series](#)

**Mates With**

Pico-Clasp Vertical Header [501190](#) , [203564](#) , [203565](#) . Pico-Clasp Right-Angle Header [501571](#) , [203566](#) , [203567](#)

**Use With**

Pico-Clasp Female Terminal [501193](#)