

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

**Part Number:** [5011892051](#)  
**Status:** **Active**  
**Overview:** Pico-Clasp Wire-to-Board Connectors  
**Description:** 1.00mm Pitch, Pico-Clasp Receptacle Crimp Housing, Dual Row, Positive Lock, 20 Circuits, Gray

**Documents:**

|                                |   |
|--------------------------------|---|
| <a href="#">Drawing (PDF)</a>  | <a href="#">Product Specification PS-501190-004-001 (PDF)</a>     |
| <a href="#">3D Model (PDF)</a> | <a href="#">Application Specification 5011890000-AS-000 (PDF)</a> |
| <a href="#">3D Model</a>       | <a href="#">RoHS Certificate of Compliance (PDF)</a>              |

**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  |
| UPC            | 883906340179  |

**Physical**

|                               |                |
|-------------------------------|----------------|
| Circuits (maximum)            | 20             |
| Color - Resin                 | Gray           |
| Gender                        | Receptacle     |
| Glow-Wire Capable             | No             |
| Lock to Mating Part           | Yes            |
| Material - Resin              | Nylon          |
| Net Weight                    | 151.650/mg     |
| Number of Rows                | 2              |
| Packaging Type                | Bag            |
| Panel Mount                   | No             |
| Pitch - Mating 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 |
| Product Specification     | PS-501190-004-001 |
| Sales Drawing             | SD-501189-006     |



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2020)4578-DC (25  
June 2020)

**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**

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

**Use With**

[501193](#) Crimp Terminal