

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

**Part Number:** [5035591600](#)  
**Status:** **Active**  
**Description:** 2.00mm Pitch Wire-to-Board Plug Housing, Dual Row, Vertical, With Floating Feature for Blind Mating, 16 Circuits

**Documents:**

|   |   |
|---|---|
| <a href="#">3D Model</a>                                      | <a href="#">Application Specification AS-503557-001-001 (PDF)</a> |
| <a href="#">Drawing (PDF)</a>                                 | <a href="#">Packaging Specification SPK-503559-001-001 (PDF)</a>  |
| <a href="#">Product Specification PS-503557-001-001 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>              |

**General**

|                |                        |
|----------------|------------------------|
| Product Family | Crimp Housings         |
| Series         | <a href="#">503559</a> |
| Application    | Wire-to-Board          |
| Product Name   | N/A                    |
| UPC            | 884982144194           |

**Physical**

|                               |               |
|-------------------------------|---------------|
| Circuits (maximum)            | 16            |
| Color - Resin                 | Black         |
| Gender                        | Plug          |
| Glow-Wire Capable             | No            |
| Lock to Mating Part           | Yes           |
| Material - Resin              | Polyester     |
| Net Weight                    | 3330.950/mg   |
| Number of Rows                | 2             |
| Packaging Type                | Bag           |
| Panel Mount                   | Yes           |
| Pitch - Mating Interface      | 2.00mm        |
| Polarized to Mating Part      | Yes           |
| Temperature Range - Operating | -40° to +85°C |

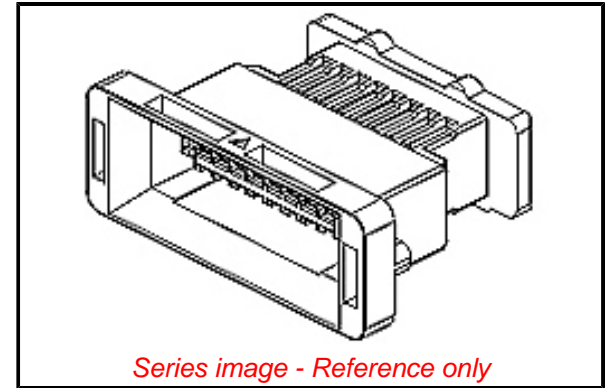
**Electrical**

|                               |      |
|-------------------------------|------|
| Current - Maximum per Contact | 2.0A |
|-------------------------------|------|

**Material Info**

**Reference - Drawing Numbers**

|                           |                    |
|---------------------------|--------------------|
| Application Specification | AS-503557-001-001  |
| Packaging Specification   | SPK-503559-001-001 |
| Product Specification     | PS-503557-001-001  |
| Sales Drawing             | SD-503559-001      |



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
ED/71/2019 (16 July  
2019)

**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**

[503559](#) Series

**Mates With**

[503557](#) PCB Receptacle

**Use With**

[503561](#) Crimp Terminal