

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

**Part Number:** [504694-0604](#)  
**Status:** **Active**  
**Overview:** [Inertia Lock Wire-to-Wire System](#)  
**Description:** 3.30mm Pitch Wire-to-Wire Inertia Lock Plug Housing, Single Row, 6 Circuits, Blue

**Documents:**

|   |  |
|---|--|
| <a href="#">Drawing (PDF)</a>                                 | <a href="#">Packaging Specification SPK-504694-001 (PDF)</a> |
| <a href="#">Product Specification PS-504693-001 (PDF)</a>     | <a href="#">RoHS Certificate of Compliance (PDF)</a>         |
| <a href="#">Application Specification AS-504693-002 (PDF)</a> |  |

**General**

|                |  |
|----------------|--|
| Product Family | Crimp Housings                                   |
| Series         | <a href="#">504694</a>                           |
| Application    | Signal, Wire-to-Wire                             |
| Overview       | <a href="#">Inertia Lock Wire-to-Wire System</a> |
| Product Name   | Inertia Lock                                     |
| UPC            | 889056040372                                     |

**Physical**

|                               |                |
|-------------------------------|----------------|
| Circuits (maximum)            | 6              |
| Color - Resin                 | Blue           |
| Gender                        | Male           |
| Glow-Wire Compliant           | No             |
| Lock to Mating Part           | Yes            |
| Material - Resin              | PBT            |
| Net Weight                    | 2398.000/mg    |
| Number of Rows                | 1              |
| Packaging Type                | Bag            |
| Panel Mount                   | No             |
| Pitch - Mating Interface      | 3.30mm         |
| Polarized to Mating Part      | Yes            |
| Stackable                     | No             |
| Temperature Range - Operating | -40°C to +85°C |

**Electrical**

|                               |    |
|-------------------------------|----|
| Current - Maximum per Contact | 4A |
|-------------------------------|----|

**Material Info**

**Reference - Drawing Numbers**

|                           |                |
|---------------------------|----------------|
| Application Specification | AS-504693-002  |
| Packaging Specification   | SPK-504694-001 |
| Product Specification     | PS-504693-001  |
| Sales Drawing             | SD-504694-001  |

**EU RoHS**

**ELV and RoHS Compliant**  
**REACH SVHC Contains SVHC: No**  
**Low-Halogen Status**  
**Not Low-Halogen**

**China RoHS**



**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

**Search Parts in this Series**

[504694Series](#)

**Mates With**

[504693-0604](#) Receptacle Housing

**Use With**

[504695](#) Terminal Retainer . [50398](#) Plug Crimp Terminal