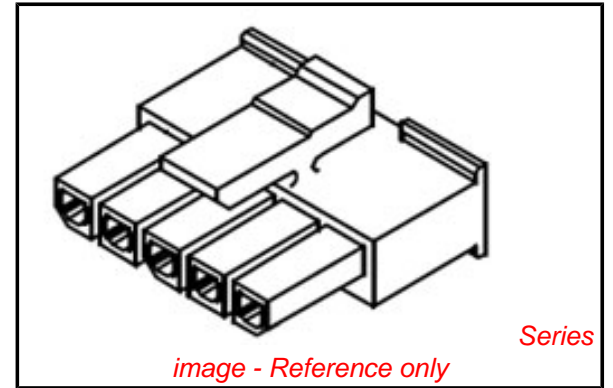


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [43645-0900](#)  
**Status:** **Active**  
**Overview:** Micro-Fit 3.0™ Connectors  
**Description:** 3.00mm Pitch Micro-Fit 3.0™ Receptacle Housing, Single Row, 9 Circuits

**Documents:**

|  |  |
|--|--|
| <a href="#">3D Model</a>                                   | <a href="#">Test Summary TS-43045-001 (PDF)</a>      |
| <a href="#">Drawing (PDF)</a>                              | <a href="#">RoHS Certificate of Compliance (PDF)</a> |
| <a href="#">Product Specification PS-43650 (PDF)</a>       | <a href="#">Product Literature (PDF)</a>             |
| <a href="#">Packaging Specification PK-43645-001 (PDF)</a> |  |



*image - Reference only*

**Agency Certification**

|     |           |
|-----|-----------|
| CSA | LR19980   |
| TUV | R72081037 |
| UL  | E29179    |

**General**

|                             |   |
|-----------------------------|---|
| Product Family              | Crimp Housings                            |
| Series                      | <a href="#">43645</a>                     |
| Application                 | Power, Wire-to-Wire                       |
| Overview                    | <a href="#">Micro-Fit 3.0™ Connectors</a> |
| Product Literature Order No | 987650-5984                               |
| Product Name                | Micro-Fit 3.0™                            |

**Physical**

|                               |                 |
|-------------------------------|-----------------|
| Circuits (maximum)            | 9               |
| Color - Resin                 | Black           |
| Flammability                  | 94V-0           |
| Gender                        | Female          |
| Glow-Wire Compliant           | No              |
| Keying to Mating Part         | None            |
| Lock to Mating Part           | Yes             |
| Material - Resin              | Polyester       |
| Number of Rows                | 1               |
| Packaging Type                | Bag             |
| Panel Mount                   | No              |
| Pitch - Mating Interface      | 3.00mm          |
| Polarized to Mating Part      | Yes             |
| Stackable                     | No              |
| Temperature Range - Operating | -40°C to +105°C |


**Electrical**

|                               |    |
|-------------------------------|----|
| Current - Maximum per Contact | 5A |
|-------------------------------|----|

**Material Info**

**Reference - Drawing Numbers**

|                         |                |
|-------------------------|----------------|
| Packaging Specification | PK-43645-001   |
| Product Specification   | PS-43650       |
| Sales Drawing           | SDA-43645-**** |
| Test Summary            | TS-43045-001   |

|   |  |
|---|--|
| <b>EU RoHS</b><br><b>ELV and RoHS</b><br><b>Compliant</b><br><b>REACH SVHC</b><br><b>Contains SVHC: No</b><br><b>Low-Halogen Status</b><br><b>Not Low-Halogen</b> | <b>China RoHS</b><br> |
|---|--|

**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**

[43645Series](#)

**Mates With**

[43640 Micro-Fit 3.0™ Plug Housing](#), [43650 Micro-Fit 3.0™ Header](#)

**Use With**

[43030 Micro-Fit 3.0™ Crimp Terminal](#)