# molex®
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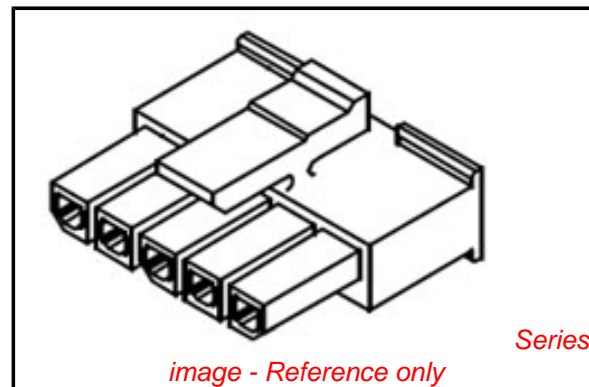This document was generated on 10/03/2014

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

**Part Number:** 43645-0208

**Status:** Active

**Overview:** Micro-Fit 3.0™ Connectors

**Description:** Micro-Fit 3.0™ Receptacle Housing, Halogen-Free, Single Row, 2 Circuits, Glow Wire Compatible

### Documents:
3D Model
Drawing (PDF)
Product Specification PS-43650 (PDF)
Packaging Specification PK-43645-001 (PDF)
Test Summary TS-43045-001 (PDF)
RoHS Certificate of Compliance (PDF)
Product Literature (PDF)

*image - Reference only*

*Series*

### Agency Certification
| | |
|---|---|
| CSA | LR19980 |
| TUV | R72081037 |
| UL | E29179 |

### General
| | |
|---|---|
| Product Family | Crimp Housings |
| Series | 43645 |
| Application | Power, Wire-to-Wire |
| Comments | This Molex product is manufactured from material that has the following ratings, tested by independent agencies :. a) A Glow Wire Ignition Temperature (GWIT) of at least 775 deg C per IEC 60695-2-13.. b) A Glow Wire Flammability Index (GWFI) above 850 deg C per IEC 60695-2-12.and hence complies with the requirements set out in the International Standard IEC 60335-1 5th edition - household and similar electrical appliances - safety; section 30 Resistance to heat and fire.<P><P>The customers using this product must determine its suitability for use in their particular application through testing or other acceptable means as described in end-product glow-wire flammability test standard IEC 60695-2-11 and any applicable product end-use standard(s).<P>If it is determined during the customer's evaluation of suitability, that higher performance is required, please contact Molex for possible product options. |
| Overview | Micro-Fit 3.0™ Connectors |
| Product Literature Order No | 987650-5984 |
| Product Name | Micro-Fit 3.0™ |
| UPC | 883906111304 |

### Physical
| | |
|---|---|
| Circuits (maximum) | 2 |
| Color - Resin | Black |
| Flammability | 94V-0 |
| Gender | Female |
| Glow-Wire Compliant | Yes |
| Keying to Mating Part | None |
| Lock to Mating Part | Yes |
| Material - Resin | Nylon |
| Net Weight | 0.272/g |
| Number of Rows | 1 |
| Packaging Type | Bag |

**EU RoHS**
**ELV and RoHS Compliant**
**REACH SVHC**
**Contains SVHC: No**
**Low-Halogen Status**
**Low-Halogen**

**China RoHS**

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

Email 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 Housings, 43650 Micro-Fit 3.0™ Headers

**Use With**
43030 , Link45773 Micro-Fit 3.0™ Female Crimp Terminals, 46235 Micro-Fit RMF™ Female Crimp Terminals

| 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 | SD-43645-001, SDES-43645-1000 |
| Test Summary | TS-43045-001 |

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