

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

**Part Number:** [0436401011](#)  
**Status:** **Active**  
**Overview:** [Micro-Fit Connector System](#)  
**Description:** Micro-Fit 3.0 Plug Housing, Single Row, 10 Circuits, UL 94V-2, Glow-Wire Capable, Black

**Documents:**

|  |  |
|--|--|
| <a href="#">Drawing (PDF)</a>                                  | <a href="#">Test Summary TS-43045-001-001 (PDF)</a>  |
| <a href="#">3D Model (PDF)</a>                                 | <a href="#">Test Summary TS-43045-002-001 (PDF)</a>  |
| <a href="#">3D Model</a>                                       | <a href="#">Test Summary TS-43045-003-001 (PDF)</a>  |
| <a href="#">Product Specification PS-43650-001 (PDF)</a>       | <a href="#">Test Summary TS-46235-001-001 (PDF)</a>  |
| <a href="#">Packaging Specification PK-43640-003-001 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a> |
| <a href="#">Test Summary 430450005-TS-000 (PDF)</a>            | <a href="#">Product Literature (PDF)</a>             |
| <a href="#">Test Summary 430450006-TS-000 (PDF)</a>            |  |

**Agency Certification**

CSA LR19980

**General**

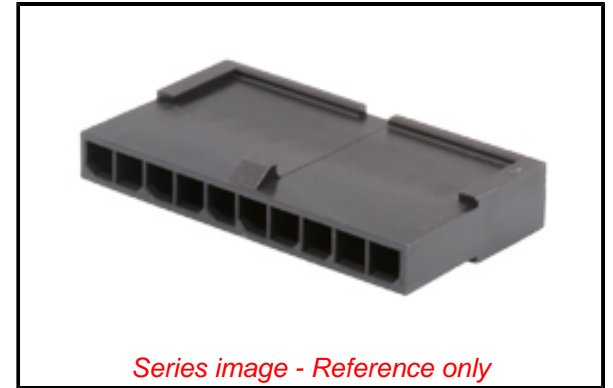
Product Family Crimp Housings  
Series [43640](#)  
Application Power, Wire-to-Wire  
Comments This Molex product is manufactured from material that has the following ratings, tested by independent agencies: <br>a) A Glow Wire Ignition Temperature (GWIT) of at least 775 deg C per IEC 60695-2-13. <br>b) 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. <br><br>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). <br><br>If it is determined during the customer's evaluation of suitability, that higher performance is required, please contact Molex for possible product options.  
[Micro-Fit Connector System](#)  
Product Name Micro-Fit 3.0  
UPC 889056723312

Overview

Product Name  
UPC

**Physical**

Circuits (maximum) 10  
Color - Resin Black  
Flammability 94V-0  
Gender Plug  
Glow-Wire Capable Yes  
Keying to Mating Part None  
Lock to Mating Part Yes  
Material - Resin Nylon  
Net Weight 1.634/g  
Number of Rows 1  
Packaging Type Bag  
Panel Mount No



Series image - Reference only

**EU ELV**

**Compliant**

**EU RoHS**

**Compliant**

**REACH SVHC**

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

**Halogen-Free**

**Status**

**Not Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Compliant

Not Contained

**Search Parts in this Series**

[43640 Series](#)

**Mates With**

Micro-Fit 3.0 Receptacle Housing [43645](#)  
<br> Micro-Fit 3.0 Cable Assembly [214750](#) ,  
[214751](#)

**Use With**

Micro-Fit 3.0 Crimp Terminals [43031](#) <br>  
Micro-Fit 3.0 Pre-Crimped Lead [214762](#) ,  
[214763](#)

|                               |                |
|-------------------------------|----------------|
| Pitch - Mating Interface      | 3.00mm         |
| Polarized to Mating Part      | Yes            |
| Stackable                     | No             |
| Temperature Range - Operating | -40° to +105°C |

**Material Info**

**Reference - Drawing Numbers**

|                         |  |
|-------------------------|--|
| Packaging Specification | PK-43640-003-001   |
| Product Specification   | PS-43650-001   |
| Sales Drawing           | SD-43640-002   |
| Test Summary            | 430450005-TS-000, 430450006-TS-000,<br>TS-43045-001-001, TS-43045-002-001,<br>TS-43045-003-001, TS-46235-001-001 |

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