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**Part Number:** [0436400701](#)  
**Status:** **Active**  
**Overview:** [Micro-Fit Connector System](#)  
**Description:** Micro-Fit 3.0 Plug Housing, Single Row, 7 Circuits, UL 94V-0, Low-Halogen, Black

**Documents:**

|   |  |
|---|--|
| <a href="#">Drawing (PDF)</a>                                   | <a href="#">Test Summary 430450005-TS-000 (PDF)</a>  |
| <a href="#">3D Model (PDF)</a>                                  | <a href="#">Test Summary TS-43045-001-001 (PDF)</a>  |
| <a href="#">3D Model</a>  | <a href="#">Test Summary TS-43045-002-001 (PDF)</a>  |
| <a href="#">Product Specification 436500001-PS-JA-000 (PDF)</a> | <a href="#">Test Summary TS-43045-003-001 (PDF)</a>  |
| <a href="#">Product Specification 436500001-PS-KO-000 (PDF)</a> | <a href="#">Test Summary TS-46235-001-001 (PDF)</a>  |
| <a href="#">Product Specification 436500001-PS-SP-000 (PDF)</a> | <a href="#">Datasheet (PDF)</a>                      |
| <a href="#">Product Specification PS-43650-001 (PDF)</a>        | <a href="#">RoHS Certificate of Compliance (PDF)</a> |
| <a href="#">Packaging Specification PK-43640-003-001 (PDF)</a>  |  |

**Agency Certification**

|     |         |
|-----|---------|
| CSA | LR19980 |
| UL  | E29179  |

**General**

|                |  |
|----------------|--|
| Product Family | Crimp Housings                             |
| Series         | <a href="#">43640</a>                      |
| Application    | Power, Wire-to-Wire                        |
| Overview       | <a href="#">Micro-Fit Connector System</a> |
| Product Name   | Micro-Fit 3.0                              |
| UPC            | 800754712521                               |

**Physical**

|                               |                |
|-------------------------------|----------------|
| Circuits (maximum)            | 7              |
| Color - Resin                 | Black          |
| Flammability                  | 94V-0          |
| Gender                        | Plug           |
| Glow-Wire Capable             | No             |
| Keying to Mating Part         | None           |
| Lock to Mating Part           | Yes            |
| Material - Resin              | Nylon          |
| Net Weight                    | 1.178/g        |
| 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° to +105°C |

**Solder Process Data**

|                             |     |
|-----------------------------|-----|
| Lead-freeProcess Capability | N/A |
|-----------------------------|-----|

**Material Info**

**Reference - Drawing Numbers**

|                         |  |
|-------------------------|--|
| Packaging Specification | PK-43640-003-001   |
| Product Specification   | 436500001-PS-JA-000, 436500001-PS-KO-000,<br>436500001-PS-SP-000, PS-43650-001                 |
| Sales Drawing           | SD-43640-XXXX-001  |
| Test Summary            | 430450005-TS-000, TS-43045-001-001,<br>TS-43045-002-001, TS-43045-003-001,<br>TS-46235-001-001 |



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2021)4569-DC (8  
July 2021)

**Halogen-Free**

**Status**

**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**

[43640 Series](#)

**Mates With**

Micro-Fit 3.0 Receptacle Housing [43645](#)  
<br>Micro-Fit TPA Cable Assembly [145132](#)

**Use With**

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

This document was generated on 11/11/2021

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