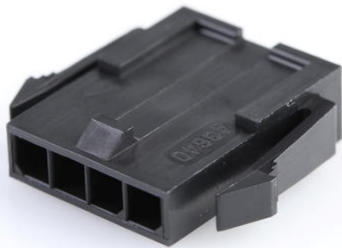




**Part Number :** [436400408](#)  
**Product Description :** Micro-Fit 3.0 Plug Housing,  
Single Row, 4 Circuits, UL 94V-0, Panel Mount Ears,  
Low-Halogen Since Inception, Black  
**Series Number :** 43640  
**Status :** Active  
**Product Category :** Connector Housings



## Documents & Resources

### Drawings

[436400408 sd.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

### Specifications

[PK-43640-003-001.pdf](#)

[436500001-PS-JA-000.pdf](#)

[436500001-PS-KO-000.pdf](#)

[436500001-PS-SP-000.pdf](#)

[PS-43650-001.pdf](#)

[430450005-TS-000.pdf](#)

[430450007-TS-000.pdf](#)

[TS-43045-001-001.pdf](#)

[TS-43045-002-001.pdf](#)

[TS-43045-003-001.pdf](#)

[TS-46235-001-001.pdf](#)

## Product Environment Compliance

### Compliance

|            |              |
|------------|--------------|
| GADSL/IMDS | Not Relevant |
| China RoHS |              |

|                    |                                                    |
|--------------------|----------------------------------------------------|
|                    | per SJ/T 11365-2006                                |
| EU ELV             | Not Relevant                                       |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21                     |
| REACH SVHC         | Not Contained per D(2025)4165-DC<br>(25 June 2025) |
| EU RoHS            | Compliant per EU 2015/863                          |

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

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**Part Details**

**General**

|              |                                                                                                                    |
|--------------|--------------------------------------------------------------------------------------------------------------------|
| Status       | Active                                                                                                             |
| Category     | Connector Housings                                                                                                 |
| Series       | 43640                                                                                                              |
| Description  | Micro-Fit 3.0 Plug Housing, Single Row, 4 Circuits, UL 94V-0, Panel Mount Ears, Low-Halogen Since Inception, Black |
| Application  | Power, Wire-to-Wire                                                                                                |
| Comments     | Halogen Free/Low Halogen since inception                                                                           |
| Product Name | Micro-Fit 3.0                                                                                                      |
| UPC          | 883906114589                                                                                                       |

**Agency**

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

## Physical

|                               |                |
|-------------------------------|----------------|
| Circuits (maximum)            | 4              |
| 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                    | 0.692/g        |
| Number of Rows                | 1              |
| Packaging Type                | Bag            |
| Panel Mount                   | Yes            |
| Pitch - Mating Interface      | 3.00mm         |
| Polarized to Mating Part      | Yes            |
| Stackable                     | No             |
| Temperature Range - Operating | -40° to +105°C |

## Solder Process Data

|                              |     |
|------------------------------|-----|
| Lead-Free Process Capability | N/A |
|------------------------------|-----|

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## Mates With / Use With

### Mates with Part(s)

| Description                                                                       | Part Number                   |
|-----------------------------------------------------------------------------------|-------------------------------|
| Micro-Fit 3.0 Single Row Receptacle Housings                                      | <u><a href="#">43645</a></u>  |
| Micro-Fit TPA-to-Micro-Fit TPA Off-the-Shelf (OTS) Cable Assemblies               | <u><a href="#">145132</a></u> |
| Micro-Fit 3.0 Female-to-Micro-Fit 3.0 Female Off-the-Shelf (OTS) Cable Assemblies | <u><a href="#">214750</a></u> |
| Micro-Fit 3.0 Female-to-Pigtail Off-                                              | <u><a href="#">214751</a></u> |

|                                  |  |
|----------------------------------|--|
| the-Shelf (OTS) Cable Assemblies |  |
|----------------------------------|--|

**Use with Part(s)**

| Description                                                  | Part Number   |
|--------------------------------------------------------------|---------------|
| Micro-Fit Male Crimp Terminals                               | <u>43031</u>  |
| Pre-Crimped Lead Micro-Fit 3.0<br>Male-to-Micro-Fit 3.0 Male | <u>214762</u> |
| Pre-Crimped Lead Micro-Fit 3.0<br>Male-to-Pigtail            | <u>214763</u> |