



**Part Number :** [430200800](#)

**Product Description :** Micro-Fit 3.0 Plug Housing,  
Dual Row, 8 Circuits, UL 94V-0, Panel Mount Ears, Low-  
Halogen, Black

**Series Number :** 43020

**Status :** Active

**Product Category :** Connector Housings



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## Documents & Resources

### Drawings

[430200800\\_sd.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

### Specifications

[PK-43020-001-001.pdf](#)

[430450001-PS-KO-000.pdf](#)

[430450001-PS-SP-000.pdf](#)

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

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

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

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

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

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

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## Product Environment Compliance

### Compliance

|            |                                                                                                              |
|------------|--------------------------------------------------------------------------------------------------------------|
| GADSL/IMDS | Not Relevant                                                                                                 |
| China RoHS | <br>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

## Part Details

### General

|              |                                                                                                  |
|--------------|--------------------------------------------------------------------------------------------------|
| Status       | Active                                                                                           |
| Category     | Connector Housings                                                                               |
| Series       | 43020                                                                                            |
| Description  | Micro-Fit 3.0 Plug Housing, Dual Row, 8 Circuits, UL 94V-0, Panel Mount Ears, Low-Halogen, Black |
| Application  | Power, Wire-to-Wire                                                                              |
| Product Name | Micro-Fit 3.0                                                                                    |
| UPC          | 800754383387                                                                                     |

### Agency

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

### Physical

|                               |                |
|-------------------------------|----------------|
| Circuits (maximum)            | 8              |
| 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                    | 1.093/g        |
| Number of Rows                | 2              |
| Packaging Type                | Bag            |
| Panel Mount                   | Yes            |
| Pitch - Mating Interface      | 3.00mm         |
| Pitch - Termination 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 Dual Row Receptacle Housings                                                  | <a href="#"><u>43025</u></a>  |
| Micro-Fit 3.0 Female-to-Micro-Fit 3.0 Female Off-the-Shelf (OTS) Cable Assemblies           | <a href="#"><u>214755</u></a> |
| Micro-Fit 3.0 Female-to-Pigtail Off-the-Shelf (OTS) Cable Assemblies                        | <a href="#"><u>214756</u></a> |
| Micro-fit 3.0-to-Micro-Fit 3.0 Off-the-Shelf (OTS) Overmolded Adapters and Cable Assemblies | <a href="#"><u>245132</u></a> |
| Micro-Fit TPA-to-Micro-Fit TPA Off-                                                         | <a href="#"><u>45132</u></a>  |

|                                  |  |
|----------------------------------|--|
| 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 Male-to-Micro-Fit 3.0 Male | <u>214762</u> |
| Pre-Crimped Lead Micro-Fit 3.0 Male-to-Pigtail            | <u>214763</u> |