



**Part Number :** [430250608](#)  
**Product Description :** Micro-Fit 3.0 Receptacle  
Housing, Dual Row, 6 Circuits, UL 94V-0, Low-Halogen  
Since Inception, Black  
**Series Number :** 43025  
**Status :** Active  
**Product Category :** Connector Housings



## Documents & Resources

### Drawings

[430250608\\_sd.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

### Specifications

[430250000-AS-000.pdf](#)

[PK-43025-001-001.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](#)

## 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       | 43025                                                                                                       |
| Description  | Micro-Fit 3.0 Receptacle Housing,<br>Dual Row, 6 Circuits, UL 94V-0, Low-<br>Halogen Since Inception, Black |
| Application  | Power, Wire-to-Board, Wire-to-Wire                                                                          |
| Comments     | Halogen Free/Low Halogen since<br>inception                                                                 |
| Product Name | Micro-Fit 3.0                                                                                               |
| UPC          | 883906102159                                                                                                |

### Agency

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

## Physical

|                               |                |
|-------------------------------|----------------|
| Circuits (maximum)            | 6              |
| Color - Resin                 | Black          |
| Flammability                  | 94V-0          |
| Gender                        | Receptacle     |
| Glow-Wire Capable             | No             |
| Keying to Mating Part         | None           |
| Lock to Mating Part           | Yes            |
| Material - Resin              | Nylon          |
| Net Weight                    | 0.602/g        |
| Number of Rows                | 2              |
| 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-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 Plug Housings                                          | <u><a href="#">43020</a></u>  |
| Micro-Fit 3.0 Dual Row Headers                                                | <u><a href="#">43045</a></u>  |
| Micro-Fit 3.0 Dual Row Test Plugs                                             | <u><a href="#">44242</a></u>  |
| Micro-Fit 3.0 Male-to-Micro-Fit 3.0 Male Off-the-Shelf (OTS) Cable Assemblies | <u><a href="#">214757</a></u> |
| Micro-Fit 3.0 Male-to-Pigtail Off-the-Shelf (OTS) Cable Assemblies            | <u><a href="#">214758</a></u> |

**Use with Part(s)**

| Description                                                                                                      | Part Number      |
|------------------------------------------------------------------------------------------------------------------|------------------|
| Pre-Crimped Lead Micro-Fit 3.0 Female-to-Micro-Fit 3.0 Female, Tin (Sn) Plating, 150.00mm Length, 20 AWG, Black  | <u>797580002</u> |
| Pre-Crimped Lead Micro-Fit 3.0 Female-to-Micro-Fit 3.0 Female, Gold (Au) Plating, 150.00mm Length, 20 AWG, Black | <u>797580004</u> |
| Pre-Crimped Lead Micro-Fit 3.0 Female-to-Micro-Fit 3.0 Female, Tin (Sn) Plating, 300.00mm Length, 20 AWG, Black  | <u>797580010</u> |
| Pre-Crimped Lead Micro-Fit 3.0 Female-to-Micro-Fit 3.0 Female, Gold (Au) Plating, 300.00mm Length, 20 AWG, Black | <u>797580012</u> |
| Micro-Fit 3.0 Female Crimp Terminals                                                                             | <u>43030</u>     |
| Micro-Fit 3.0 Female Crimp Terminals with Lubricant                                                              | <u>45773</u>     |
| Micro-Fit Reduced Mating Force Female Crimp Terminals                                                            | <u>46235</u>     |
| Pre-Crimped Lead Micro-Fit 3.0 Female-to-Micro-Fit 3.0 Female                                                    | <u>214760</u>    |
| Pre-Crimped Lead Micro-Fit 3.0 Female-to-Pigtail                                                                 | <u>214761</u>    |