



Part Number : 430202000

Series Number : 43020

Product Category : Connector Housings

Product Description : Micro-Fit 3.0 Plug Housing, Dual Row, 20 Circuits, UL 94V-0, Panel Mount Ears, Low-Halogen, Black

Status : Active

Documents & Resources

Drawings

Drawing 430202000\_sd.pdf

3D Models and Design Files

3D Model 430202000\_stp.zip

Specifications

Packaging Specification PK-43020-001-001.pdf

Product Specification 430450001-PS-KO-000.pdf

Product Specification 430450001-PS-SP-000.pdf

Product Specification PS-43045-001.pdf

Test Summary 430450005-TS-000.pdf


Test Summary TS-43045-001-001.pdf

Test Summary TS-43045-003-001.pdf

Test Summary TS-46235-001-001.pdf

Product Environment Compliance

Compliance

|                    |   |
|--------------------|---|
| GADSL/IMDS         | Not Relevant  |
| China RoHS         |  |
| EU ELV             | Not Relevant  |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21  |
| REACH SVHC         | Not Contained per D(2024)4144-DC (27 June 2024)                                       |
| EU RoHS            | Compliant per EU 2015/863   |

Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

## Multiple Part Industry Compliance Documents

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

## EU RoHS Certificate of Compliance

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### Part Details

#### General

|                |   |
|----------------|---|
| Status         | Active  |
| Category       | Connector Housings  |
| Series         | 43020   |
| Description    | Micro-Fit 3.0 Plug Housing, Dual Row, 20 Circuits, UL 94V-0, Panel Mount Ears, Low-Halogen, Black |
| Application    | Power, Wire-to-Wire   |
| Product Family | Micro-Fit Connector System  |
| Product Name   | Micro-Fit 3.0   |
| UPC            | 800754383844  |

#### Agency

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

#### Physical

|                       |         |
|-----------------------|---------|
| Circuits (maximum)    | 20      |
| 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            | 2.204/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 | <u>43025</u> |

### 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> |