



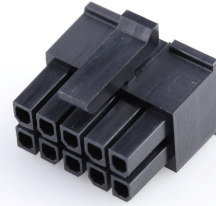
**Part Number :** [430251000](#)

**Product Description :** Micro-Fit 3.0 Receptacle Housing, Dual Row, 10 Circuits, UL 94V-0, Low-Halogen, Black

**Series Number :** 43025

**Status :** Active

**Product Category :** Connector Housings



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## Documents & Resources

### Drawings

[430251000\\_sd.pdf](#)

### 3D Models and Design Files

[430251000\\_stp.zip](#)

### 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](#)

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## Product Environment Compliance

### Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Compliant per 2000/53/EC
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	43025
Description	Micro-Fit 3.0 Receptacle Housing, Dual Row, 10 Circuits, UL 94V-0, Low-Halogen, Black
Application	Power, Wire-to-Board, Wire-to-Wire
Product Name	Micro-Fit 3.0
UPC	800753683631

#### Agency

CSA	LR19980
UL	E29179

#### Physical

Circuits (maximum)	10
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	0.847/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>43020</u>
Micro-Fit 3.0 Dual Row Headers	<u>43045</u>
Micro-Fit 3.0 Dual Row Test Plugs	<u>44242</u>
Micro-Fit 3.0 Male-to-Micro-Fit 3.0 Male Off-the-Shelf (OTS) Cable Assemblies	<u>214757</u>
Micro-Fit 3.0 Male-to-Pigtail Off-the-Shelf (OTS) Cable Assemblies	<u>214758</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>