



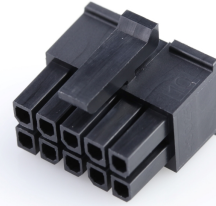
**Part Number :** [430251000](#)

**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



---

## Documents & Resources

### Drawings

[Drawing 430251000\\_sd.pdf](#)

### 3D Models and Design Files

[3D Model PDF 430251000.pdf](#)

[3D Model 430251000\\_stp.zip](#)

### Specifications

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

[Packaging Specification PK-43025-001-001.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	Compliant per 2000/53/EC
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)3788-DC (14 Jun 2023)
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

---

**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 Family	Micro-Fit Connector System
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
------------------------------	-----

---

### 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><a href="/content/molex/molex-dot-com/us/en/products/product-page.html/797580002.html">/content/molex/molex-dot-com/us/en/products/product-page.html/797580002.html</a></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><a href="/content/molex/molex-dot-com/us/en/products/product-page.html/797580004.html">/content/molex/molex-dot-com/us/en/products/product-page.html/797580004.html</a></u>

Pre-Crimped Lead Micro-Fit 3.0 Female-to-Micro-Fit 3.0 Female, Tin (Sn) Plating, 300.00mm Length, 20 AWG, Black	<a href="/content/molex/molex-dot-com/us/en/products/product-page.html/797580010.html">/content/molex/molex-dot-com/us/en/products/product-page.html/797580010.html</a>
Pre-Crimped Lead Micro-Fit 3.0 Female-to-Micro-Fit 3.0 Female, Gold (Au) Plating, 300.00mm Length, 20 AWG, Black	<a href="/content/molex/molex-dot-com/us/en/products/product-page.html/797580012.html">/content/molex/molex-dot-com/us/en/products/product-page.html/797580012.html</a>
Micro-Fit 3.0 Female Crimp Terminals	<a href="#"><u>43030</u></a>
Micro-Fit 3.0 Female Crimp Terminals with Lubricant	<a href="#"><u>45773</u></a>
Micro-Fit Reduced Mating Force Female Crimp Terminals	<a href="#"><u>46235</u></a>
Pre-Crimped Lead Micro-Fit 3.0 Female-to-Micro-Fit 3.0 Female	<a href="#"><u>214760</u></a>
Pre-Crimped Lead Micro-Fit 3.0 Female-to-Pigtail	<a href="#"><u>214761</u></a>