



**Part Number :** [430252000](#)  
**Product Description :** Micro-Fit 3.0 Receptacle  
Housing, Dual Row, 20 Circuits, UL 94V-0,  
Low-Halogen, Black  
**Series Number :** 43025  
**Status :** Active  
**Product Category :** Connector Housings



## Documents & Resources


**Drawings**  
[Drawing 430252000\\_sd.pdf](#)

**3D Models and Design Files**  
[3D Model 430252000\\_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

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## Part Details

### General

Status	Active
Category	Connector Housings
Series	43025
Description	Micro-Fit 3.0 Receptacle Housing, Dual Row, 20 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	800754369060

### Agency

CSA	LR19980
UL	E29179

### Physical

Circuits (maximum)	20
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	1.932/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>

### 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	<u><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></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><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></u>
Micro-Fit 3.0 Female Crimp Terminals	<u><a href="#">43030</a></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>

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