



Part Number : 430250400

Product Description : Micro-Fit 3.0 Receptacle Housing, Dual Row, 4 Circuits, UL 94V-0, Low-Halogen, Black

Series Number : 43025

Status : Active

Product Category : Connector Housings

---

## Documents & Resources

### Drawings

Drawing 430250400\_sd.pdf

### 3D Models and Design Files

3D Model 430250400\_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)8585-DC (23 Jan 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

---

### Part Details

#### General

Status	Active
Category	Connector Housings
Series	43025
Description	Micro-Fit 3.0 Receptacle Housing, Dual Row, 4 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	800754315234

#### Agency

CSA	LR19980
UL	E29179

#### Physical

Circuits (maximum)	4
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	0.422/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	<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>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>

---

This document was generated on Jun 25, 2024