



Part Number : [436450400](#)

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

Series Number : 43645

Status : Active

Product Category : Connector Housings

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## Documents & Resources

### Drawings

[Drawing 436450400\\_sd.pdf](#)

### 3D Models and Design Files

[3D Model 436450400\\_stp.zip](#)

### Specifications

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

[Packaging Specification PK-43645-001-001.pdf](#)

[Product Specification 436500001-PS-JA-000.pdf](#)

[Product Specification 436500001-PS-KO-000.pdf](#)

[Product Specification 436500001-PS-SP-000.pdf](#)

[Product Specification PS-43650-001.pdf](#)

[Test Summary 430450005-TS-000.pdf](#)

[Test Summary TS-43045-001-001.pdf](#)


[Test Summary TS-43045-002-001.pdf](#)

[Test Summary TS-46235-001-001.pdf](#)

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## Product Environment Compliance

### Compliance

GADSL/IMDS	Compliant with Exemption 44; 47; 33; 34
China RoHS	
EU ELV	Compliant per 2000/53/EC
Low-Halogen Status	Not 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	43645
Description	Micro-Fit 3.0 Receptacle Housing, Single Row, 4 Circuits, UL 94V-0, Black
Application	Power, Wire-to-Board, Wire-to-Wire
Product Family	Micro-Fit Connector System
Product Name	Micro-Fit 3.0
UPC	800754366199

### 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	Polyester
Net Weight	0.566/g
Number of Rows	1
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 Single Row Plug Housings	<u><a href="#">43640</a></u>
Micro-Fit TPA Single Row Plug Housings	<u><a href="#">200875</a></u>
Micro-Fit 3.0 Single Row Headers	<u><a href="#">43650</a></u>
Micro-Fit 3.0 Male-to-Micro-Fit 3.0 Male Off-the-Shelf (OTS) Cable Assemblies	<u><a href="#">214752</a></u>
Micro-Fit 3.0 Male-to-Pigtail Off-the-Shelf (OTS) Cable Assemblies	<u><a href="#">214753</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	<u>43030</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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