



Part Number : [436400201](#)

Product Description : Micro-Fit 3.0 Plug Housing, Single Row, 2 Circuits, UL 94V-0, Low-Halogen, Black

Series Number : 43640

Status : Active

Product Category : Connector Housings

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## Documents & Resources

### Drawings

[Drawing 436400201\\_sd.pdf](#)

### 3D Models and Design Files

[3D Model 436400201\\_stp.zip](#)

### Specifications

[Packaging Specification PK-43640-003-001.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-43045-003-001.pdf](#)

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

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## Product Environment Compliance

### Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
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	43640
Description	Micro-Fit 3.0 Plug Housing, Single Row, 2 Circuits, UL 94V-0, Low-Halogen, Black
Application	Power, Wire-to-Wire
Product Family	Micro-Fit Connector System
Product Name	Micro-Fit 3.0
UPC	800754366120

### Agency

CSA	LR19980
UL	E29179

### Physical

Circuits (maximum)	2
Color - Resin	Black
Flammability	94V-0
Gender	Plug
Glow-Wire Capable	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Resin	Nylon
Net Weight	0.333/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 Receptacle Housings	<u>43645</u>
Micro-Fit TPA-to-Micro-Fit TPA Off-the-Shelf (OTS) Cable Assemblies	<u>145132</u>
Micro-Fit 3.0 Female-to-Micro-Fit 3.0 Female Off-the-Shelf (OTS) Cable Assemblies	<u>214750</u>
Micro-Fit 3.0 Female-to-Pigtail Off-the-Shelf (OTS) Cable Assemblies	<u>214751</u>

#### Use with Part(s)

Description	Part Number
Micro-Fit Male Crimp Terminals	<u>43031</u>
Pre-Crimped Lead Micro-Fit 3.0 Male-to-Micro-Fit 3.0 Male	<u>214762</u>
Pre-Crimped Lead Micro-Fit 3.0 Male-to-Pigtail	<u>214763</u>