



**Part Number :** [436400309](#)

**Product Description :** Micro-Fit 3.0 Plug Housing, Single Row, 3 Circuits, UL 94V-0, Low-Halogen Since Inception, Black

**Series Number :** 43640

**Status :** Active

**Product Category :** Connector Housings

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## Documents and Resources

### Drawings

[436400309 sd.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

### Specifications

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

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

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

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

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

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

[430450007-TS-000.pdf](#)

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

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

[TS-43045-003-001.pdf](#)

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

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## Product Environment Compliance

### Compliance

GADSL/IMDS	Not Relevant
China RoHS	

	per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)7771-DC (04 Feb 2026)
EU RoHS	Compliant per EU 2015/863

### Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

### Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

### Substances of Interest

- PFAS

### EU RoHS Certificate of Compliance

### Additional Product Compliance Information

## Part Details

### General

Status	Active
Category	Connector Housings
Series	43640
Description	Micro-Fit 3.0 Plug Housing, Single Row, 3 Circuits, UL 94V-0, Low-Halogen Since Inception, Black
Application	Wire-to-Wire
Comments	Halogen Free/Low Halogen since inception
Component Type	Housing
Product Name	Micro-Fit 3.0
UPC	883906188382

### Agency

CSA	LR19980
UL	E29179

## Physical

Circuits (maximum)	3
Color - Resin	Black
Gender	Plug
Glow-Wire Capable	No
Keying to Mating Part	No
Lock to Mating Part	Yes
Material - Resin	Nylon
Net Weight	0.293/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	<u>214751</u>

Off-the-Shelf (OTS) Cable Assemblies	
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**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>

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