



Part Number : [436400209](#)
Product Description : Micro-Fit 3.0 Plug
Housing, Single Row, 2 Circuits, UL 94V-0,
Low-Halogen Since Inception, Black
Series Number : 43640
Status : Active
Product Category : Connector Housings



Documents & Resources


Drawings
[436400209_sd.pdf](#)

3D Models and Design Files
[436400209_stp.zip](#)

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](#)

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

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 Since Inception, Black |
| Application | Power, Wire-to-Wire |
| Comments | Halogen Free/Low Halogen since inception |
| Product Name | Micro-Fit 3.0 |
| UPC | 883906110413 |

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 | 0.342/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 |
|------------------------------|-----|

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> |