



**Part Number :** [436450308](#)

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

**Series Number :** 43645

**Status :** Active

**Product Category :** Connector Housings



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## Documents and Resources

### Drawings

[436450308\\_sd.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

### Specifications

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

[PK-43645-001-001.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

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**Part Details**

**General**

|              |                                                                                                        |
|--------------|--------------------------------------------------------------------------------------------------------|
| Status       | Active                                                                                                 |
| Category     | Connector Housings                                                                                     |
| Series       | 43645                                                                                                  |
| Description  | Micro-Fit 3.0 Receptacle Housing, Single Row, 3 Circuits, UL 94V-0, Low-Halogen Since Inception, Black |
| Application  | Wire-to-Board, Wire-to-Wire                                                                            |
| Comments     | Halogen Free/Low Halogen since inception                                                               |
| Product Name | Micro-Fit 3.0                                                                                          |
| UPC          | 883906188405                                                                                           |

**Agency**

|     |         |
|-----|---------|
| CSA | LR19980 |
| UL  | E29179  |

## Physical

|                               |                |
|-------------------------------|----------------|
| Circuits (maximum)            | 3              |
| Color - Resin                 | Black          |
| Gender                        | Receptacle     |
| Glow-Wire Capable             | No             |
| Keying to Mating Part         | No             |
| Lock to Mating Part           | Yes            |
| Material - Resin              | Nylon          |
| Net Weight                    | 0.456/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                                        | <a href="#"><u>43640</u></a>  |
| Micro-Fit TPA Single Row Plug Housings                                        | <a href="#"><u>200875</u></a> |
| Micro-Fit 3.0 Single Row Headers                                              | <a href="#"><u>43650</u></a>  |
| Micro-Fit 3.0 Male-to-Micro-Fit 3.0 Male Off-the-Shelf (OTS) Cable Assemblies | <a href="#"><u>214752</u></a> |
| Micro-Fit 3.0 Male-to-Pigtail Off-                                            | <a href="#"><u>214753</u></a> |

|                                  |  |
|----------------------------------|--|
| the-Shelf (OTS) Cable Assemblies |  |
|----------------------------------|--|

### Use with Part(s)

| Description                                                   | Part Number   |
|---------------------------------------------------------------|---------------|
| 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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