



**Part Number :** [436451200](#)  
**Product Description :** Micro-Fit 3.0 Receptacle Housing, Single Row, 12 Circuits, UL 94V-0, Black  
**Series Number :** 43645  
**Status :** Active  
**Product Category :** Connector Housings



## Documents & Resources


**Drawings**  
[436451200\\_sd.pdf](#)

**3D Models and Design Files**  
[436451200\\_stp.zip](#)

**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-46235-001-001.pdf](#)

## Product Environment Compliance

### Compliance

|                    |                                                                                       |
|--------------------|---------------------------------------------------------------------------------------|
| GADSL/IMDS         | Not Relevant                                                                          |
| China RoHS         |  |
| EU ELV             | Not Relevant                                                                          |
| 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,<br>Single Row, 12 Circuits, UL 94V-0,<br>Black |
| Application  | Power, Wire-to-Board, Wire-to-Wire                                               |
| Product Name | Micro-Fit 3.0                                                                    |
| UPC          | 800754538152                                                                     |

#### Agency

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

#### Physical

|                       |            |
|-----------------------|------------|
| Circuits (maximum)    | 12         |
| 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                    | 1.480/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 |

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## Mates With / Use With

### Mates with Part(s)

| Description                            | Part Number   |
|----------------------------------------|---------------|
| Micro-Fit 3.0 Single Row Plug Housings | <u>43640</u>  |
| Micro-Fit TPA Single Row Plug Housings | <u>200875</u> |
| Micro-Fit 3.0 Single Row Headers       | <u>43650</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>797580002</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>797580004</u> |
| Pre-Crimped Lead Micro-Fit 3.0 Female-to-Micro-Fit 3.0 Female, Tin (Sn) Plating, 300.00mm Length, 20 AWG, Black  | <u>797580010</u> |
| Pre-Crimped Lead Micro-Fit 3.0 Female-to-Micro-Fit 3.0 Female, Gold (Au) Plating, 300.00mm Length, 20 AWG, Black | <u>797580012</u> |
| 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<br>Female-to-Micro-Fit 3.0 Female | <u>214760</u> |
| Pre-Crimped Lead Micro-Fit 3.0<br>Female-to-Pigtail              | <u>214761</u> |