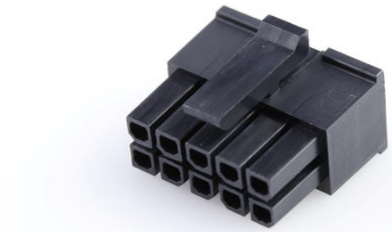
**Part Number :** 430251010
**Product Description :** Micro-Fit 3.0 Receptacle Housing, Dual Row, 10 Circuits, UL 94V-2, Glow-Wire Capable, Black
**Series Number :** 43025
**Status :** Active
**Product Category :** Connector Housings



## Documents and Resources

### Drawings

430251010_sd.pdf

### 3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

### Specifications

430250000-AS-000.pdf

430450001-AS-000.pdf

PK-43025-001-001.pdf

430450001-PS-KO-000.pdf

430450001-PS-SP-000.pdf

PS-43045-001.pdf

430450005-TS-000.pdf

430450006-TS-000.pdf

430450007-TS-000.pdf

TS-43045-001-001.pdf

TS-43045-003-001.pdf

TS-46235-001-001.pdf

## Product Environment Compliance

### Compliance

| | |
|---|---|
| GADSL/IMDS | Not Relevant |

| | |
|---|---|
| China RoHS | per SJ/T 11365-2006 |
| EU ELV | Not Relevant |
| Low-Halogen Status | Not Low-Halogen per IEC 61249-2-21 |
| REACH SVHC | Contains 1,1'-(Ethane-1,2-diyl)bis[pentabromobenzene] 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 | 43025 |
| Description | Micro-Fit 3.0 Receptacle Housing, Dual Row, 10 Circuits, UL 94V-2, Glow-Wire Capable, Black |
| Application | Power, Wire-to-Board, Wire-to-Wire |
| Comments | This Molex product is manufactured from material that has the following ratings, tested by independent agencies:  a) A Glow Wire Ignition Temperature |

| | |
|---|---|
| | (GWIT) of at least 775 deg C per IEC 60695-2-13. b) A Glow Wire Flammability Index (GWFI) above 850 deg C per IEC 60695-2-12 and hence complies with the requirements set out in the International Standard IEC 60335-1 5th edition - household and similar electrical appliances - safety, section 30 Resistance to heat and fire. The customers using this product must determine its suitability for use in their particular application through testing or other acceptable means as described in end-product glow-wire flammability test standard IEC 60695-2-11 and any applicable product end-use standard(s). If it is determined during the customer's evaluation of suitability, that higher performance is required, please contact Molex for possible product options. |
| Product Name | Micro-Fit 3.0 |
| UPC | 889056719995 |

**Agency**

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

**Physical**

| | |
|---|---|
| Circuits (maximum) | 10 |
| Color - Resin | Black |
| Gender | Receptacle |
| Glow-Wire Capable | Yes |
| Keying to Mating Part | No |
| Lock to Mating Part | Yes |
| Material - Resin | Nylon |

| | |
|---|---|
| Net Weight | 0.944/g |
| Number of Rows | 2 |
| Packaging Type | Bag |
| Panel Mount | No |
| Pitch - Mating Interface | 3.00mm |
| Polarized to Mating Part | Yes |
| Stackable | No |
| Temperature Range - Operating | -40° to +125°C |

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## Mates With / Use With

### Mates with Part(s)

| Description | Part Number |
|---|---|
| Micro-Fit 3.0 Dual Row Plug Housings | 43020 |
| Micro-Fit 3.0 Dual Row Headers | 43045 |
| Micro-Fit 3.0 Dual Row Test Plugs | 44242 |
| Micro-Fit 3.0 Male-to-Micro-Fit 3.0 Male Off-the-Shelf (OTS) Cable Assemblies | 214757 |
| Micro-Fit 3.0 Male-to-Pigtail Off-the-Shelf (OTS) Cable Assemblies | 214758 |

### 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 | 797580002 |
| Pre-Crimped Lead Micro-Fit 3.0 Female-to-Micro-Fit 3.0 Female, Gold (Au)  Plating, 150.00mm Length, 20 AWG, Black | 797580004 |
| Pre-Crimped Lead Micro-Fit 3.0 Female-to-Micro-Fit 3.0 Female, Tin (Sn) Plating, 300.00mm Length, 20 AWG, Black | 797580010 |
| Pre-Crimped Lead Micro-Fit 3.0 | 797580012 |

| | |
|---|---|
| Female-to-Micro-Fit 3.0 Female, Gold (Au)  Plating, 300.00mm Length, 20 AWG, Black | |
| Micro-Fit 3.0 Female Crimp Terminals | 43030 |
| Micro-Fit 3.0 Female Crimp Terminals with Lubricant | 45773 |
| Micro-Fit Reduced Mating Force Female Crimp Terminals | 46235 |
| Pre-Crimped Lead Micro-Fit 3.0 Female-to-Micro-Fit 3.0 Female | 214760 |
| Pre-Crimped Lead Micro-Fit 3.0 Female-to-Pigtail | 214761 |