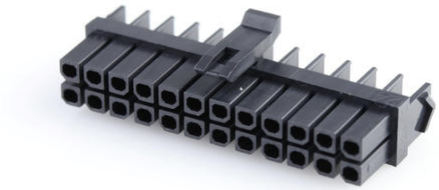
**Part Number :** 1729522401
**Product Description :** Micro-Fit TPA Receptacle Housing, Dual Row, 24 Circuits, UL 94V-0, Low-Halogen, Black
**Series Number :** 172952
**Status :** Active
**Product Category :** Connector Housings



## Documents & Resources

### Drawings

1729522401_sd.pdf

1729520001-PK-000.pdf

### 3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

### Specifications

430450001-PS-KO-000.pdf

430450001-PS-SP-000.pdf

PS-43045-001.pdf

430450007-TS-000.pdf

TS-43045-001-001.pdf

TS-43045-002-001.pdf

## 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(2024)7663-DC |

| | |
|---|---|
| | (21 Jan 2025) |
| 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 | 172952 |
| Description | Micro-Fit TPA Receptacle Housing, Dual Row, 24 Circuits, UL 94V-0, Low-Halogen, Black |
| Application | Power, Wire-to-Board, Wire-to-Wire |
| Comments | See Product Specification for maximum current rating by circuit size and wire AWG |
| Product Name | Micro-Fit TPA |
| UPC | 889056429979 |

### Agency

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

### Physical

| | |
|---|---|
| Circuits (maximum) | 24 |
| Color - Resin | Black |
| Flammability | 94V-0 |
| Gender | Receptacle |
| Glow-Wire Capable | No |
| Keying to Mating Part | None |
| Lock to Mating Part | Yes |
| Material - Resin | Nylon |
| Net Weight | 1.633/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 +105°C |

---

## Mates With / Use With

### Mates with Part(s)

| Description | Part Number |
|---|---|
| Micro-Fit TPA Dual Row Plug Housings | 203632 |
| Micro-Fit 3.0 Dual Row Plug Housings | 43020 |
| Micro-Fit 3.0 Dual Row Headers | 43045 |

### 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 | 797580004 |

| | |
|---|---|
| Length, 20 AWG, Black | |
| 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 Female-to-Micro-Fit 3.0 Female, Gold (Au)  Plating, 300.00mm Length, 20 AWG, Black | 797580012 |
| Micro-Fit Terminal Position Assurance (TPA) Retainers | 172953 |
| Micro-Fit 3.0 Female Crimp Terminals | 43030 |
| Micro-Fit Reduced Mating Force Female Crimp Terminals | 46235 |