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**Part Number:** 1729521402

**Status:** Active

**Overview:** Micro-Fit Connector System

**Description:** Micro-Fit TPA Receptacle Housing, Dual Row, 14 Circuits, UL 94V-2, Glow-Wire Capable, Black

*Series image - Reference only*

### Documents:

| | |
|---|---|
| 3D Model (PDF) | Packaging Specification 1729520001-PK-000 (PDF) |
| Drawing (PDF) | Test Summary 430450006-TS-000 (PDF) |
| 3D Model | Test Summary TS-43045-001-001 (PDF) |
| Product Specification 430450001-PS-KO-000 (PDF) | Test Summary TS-43045-002-001 (PDF) |
| Product Specification 430450001-PS-SP-000 (PDF) | RoHS Certificate of Compliance (PDF) |
| Product Specification PS-43045-001 (PDF) | Product Literature (PDF) |

**EU ELV**
**Not Relevant**

**EU RoHS**          **China RoHS**
**Compliant**

**REACH SVHC**
Not Contained Per - D(2021)4569-DC (8 July 2021)

**Halogen-Free Status**
**Not Low-Halogen**
For more information, please visit Contact US

| | |
|---|---|
| China ROHS | Green Image |
| ELV | Not Relevant |
| RoHS Phthalates | Not Contained |

### Agency Certification

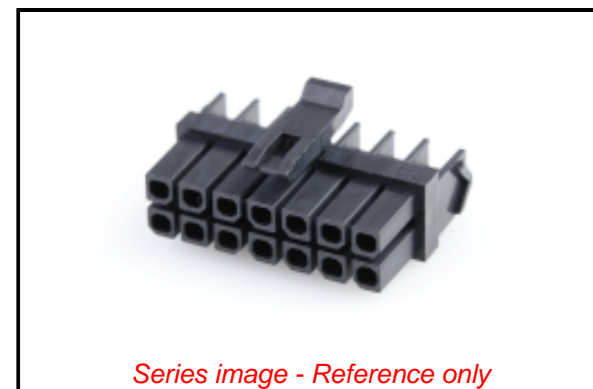| | |
|---|---|
| CSA | LR19980 |
| UL | E29179 |

### General

| | |
|---|---|
| Product Family | Crimp Housings |
| Series | 172952 |
| Application | Power, Wire-to-Board, Wire-to-Wire |
| Comments | See Product Specification for maximum current rating by circuit size and wire AWG <br><br>This Molex product is manufactured from material that has the following ratings, tested by independent agencies: <br>a) AGlow Wire Ignition Temperature (GWIT) of at least 775 deg C per IEC 60695-2-13. <br>b) A Glow Wire Flammability Index (GWFI) above 850 deg Cper 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. <br><br>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). <br><br>If it is determined during the customer's evaluation of suitability, that higher performance is required, please contact Molex for possible product options. |
| Overview | Micro-Fit Connector System |
| Product Name | Micro-Fit TPA |
| UPC | 889056429825 |

**Search Parts in this Series**
172952 Series

**Mates With**
Micro-Fit 3.0 Plug Housing 43020 , 203632 <br>Micro-Fit 3.0 Header 43045

**Use With**
Micro-Fit TPA Retainer 172953 <br>Micro-Fit 3.0 Female Terminal 43030 <br>Micro-Fit RMF Reduced Mating Force Terminal 46235 <br>Micro-Fit 3.0 Pre-Crimped Leads 797580002 , 797580004 , 797580010 , 797580012

### Physical

| | |
|---|---|
| Circuits (maximum) | 14 |
| Color - Resin | Black |
| Flammability | 94V-2 |
| Gender | Receptacle |
| Glow-Wire Capable | Yes |
| Keying to Mating Part | None |
| Lock to Mating Part | Yes |
| Material - Resin | Nylon |
| Net Weight | 1.078/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 |

**Material Info**

**Reference - Drawing Numbers**

| | |
|---|---|
| Packaging Specification | 1729520001-PK-000 |
| Product Specification | 430450001-PS-KO-000, 430450001-PS-SP-000, PS-43045-001 |
| Sales Drawing | SD-172952-002-001 |
| Test Summary | 430450006-TS-000, TS-43045-001-001, TS-43045-002-001 |

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