

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [1729521202](#)
Status: **Active**
Overview: [Micro-Fit Connector System](#)
Description: Micro-Fit TPA Receptacle Housing, Dual Row, 12 Circuits, UL 94V-2, Glow-Wire Capable, Black

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) |

Agency Certification

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

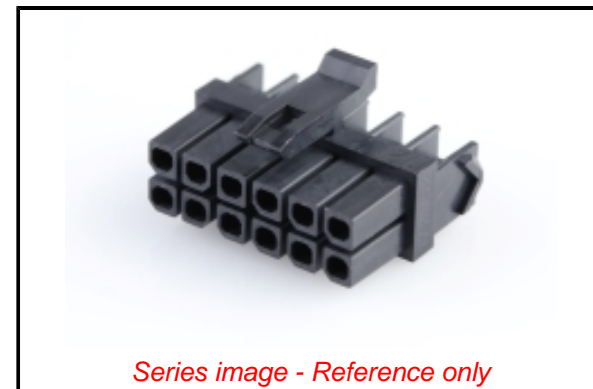
General

| | |
|----------------|--|
| 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 This Molex product is manufactured from material that has the following ratings, tested by independent agencies: a) AGlow 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. |

| | |
|--------------|--|
| Overview | Micro-Fit Connector System |
| Product Name | Micro-Fit TPA |
| UPC | 889056429801 |

Physical

| | |
|-----------------------|------------|
| Circuits (maximum) | 12 |
| 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 | 0.942/g |
| Number of Rows | 2 |



Series image - Reference only

EU ELV

Not Relevant

EU 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

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[172952](#) Series

Mates With

Micro-Fit 3.0 Plug Housing [43020](#) , [203632](#)

Micro-Fit 3.0 Header [43045](#)

Use With

Micro-Fit TPA Retainer [172953](#)
Micro-Fit 3.0 Female Terminal [43030](#)
Micro-Fit RMF Reduced Mating Force Terminal [46235](#)
Micro-Fit 3.0 Pre-Crimped Leads [797580002](#) , [797580004](#) , [797580010](#) , [797580012](#)

| | |
|-------------------------------|----------------|
| 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 |

This document was generated on 10/05/2021

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Headers & Wire Housings](#) category:

Click to view products by [Molex](#) manufacturer:

Other Similar products are found below :

[892-18-020-10-001101](#) [58102-G61-06LF](#) [582553-1](#) [0009485154](#) [009176003701906](#) [0050291907](#) [LY20-4P-DT1-P1E-BR](#) [02.125.8002.8](#)
[609-3404](#) [61062-3](#) [622-0430](#) [622-3653LF](#) [63453-116](#) [636-1030](#) [636-1427](#) [636-3427](#) [636-4007](#) [641938-9](#) [641991-4](#) [644827-2](#) [65817-010LF](#)
[65817-015LF](#) [65863-015LF](#) [66207-023LF](#) [67095-007LF](#) [67601157](#) [68648-049](#) [70.362.1628.0](#) [70-4210](#) [70-4226B](#) [70-4853B](#) [707-5020](#) [707-5028](#) [71.350.2428.0](#) [71918-208LF](#) [71961-016LF](#) [733-134](#) [733-162](#) [754199-000](#) [760-3052](#) [787-8014-00](#) [79531-3000](#) [FCN-360C032-B](#) [FCN-367T-T012/H](#) [FCN-723D010/2](#) [80.063.4001.1](#) [800-90-001-10-001000](#) [800-90-010-10-002000](#) [801-43-002-10-013000](#) [801-43-006-10-002000](#)