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**Part Number:** [1729520602](#)  
**Status:** **Active**  
**Overview:** [Micro-Fit Connector System](#)  
**Description:** Micro-Fit TPA Receptacle Housing, Dual Row, 6 Circuits, UL 94V-2, Glow-Wire Capable, Black

**Documents:**

<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification 1729520001-PK-000 (PDF)</a>
<a href="#">3D Model</a>	<a href="#">Test Summary 430450006-TS-000 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">Test Summary TS-43045-001-001 (PDF)</a>
<a href="#">Product Specification 430450001-PS-KO-000 (PDF)</a>	<a href="#">Test Summary TS-43045-002-001 (PDF)</a>
<a href="#">Product Specification 430450001-PS-SP-000 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification PS-43045-001 (PDF)</a>	<a href="#">Product Literature (PDF)</a>

**Agency Certification**

CSA	LR19980
UL	E29179

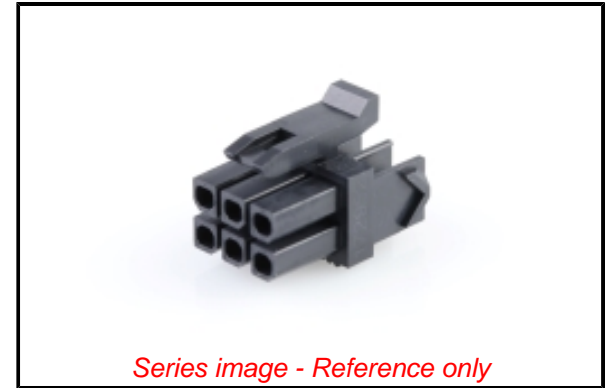
**General**

Product Family	Crimp Housings
Series	<a href="#">172952</a>
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	<a href="#">Micro-Fit Connector System</a>
Product Name	Micro-Fit TPA
UPC	889056429740

**Physical**

Circuits (maximum)	6
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	0.531/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](#)  
<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](#)

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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