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**Part Number:** [1729530602](#)  
**Status:** **Active**  
**Overview:** [Micro-Fit Connector System](#)  
**Description:** Micro-Fit Terminal Position Assurance (TPA) Retainer, 6 Circuits, 3.00mm Pitch, UL 94V-2, Glow-Wire Capable, Natural

**Documents:**

<a href="#">3D Model (PDF)</a>	<a href="#">Test Summary TS-43045-001-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Test Summary TS-43045-002-001 (PDF)</a>
<a href="#">3D Model</a>	<a href="#">Datasheet (PDF)</a>
<a href="#">Product Specification PS-43045-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Packaging Specification 1729530001-PK-000 (PDF)</a>	

**General**

Product Family	Accessories
Series	<a href="#">172953</a>
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.
Component Type	Terminal Position Assurance
Overview	<a href="#">Micro-Fit Connector System</a>
Product Name	Micro-Fit TPA
UPC	889056430050

**Physical**

Circuits (Loaded)	6
Circuits (maximum)	6
Color - Resin	Natural
Lock to Mating Part	Yes
Material - Resin	Nylon
Net Weight	0.084/g
Number of Rows	1
Packaging Type	Bag
Temperature Range - Operating	-40° to +105°C

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification	1729530001-PK-000
Product Specification	PS-43045-001



**EU ELV**

**Compliant**

**EU RoHS**

**Not Relevant**

**REACH SVHC**

Not Contained Per -  
D(2020)4578-DC (25  
June 2020)

**Halogen-Free**

**Status**

**Not Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Compliant

Not Contained

**Search Parts in this Series**

[172953 Series](#)

**Use With**

Micro-Fit TPA Receptacle Housing Low-Halogen [172952](#) <br> Micro-Fit TPA Plug Housing [203632](#)

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