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**Part Number:** [1729531002](#)  
**Status:** **Active**  
**Overview:** Micro-Fit 3.0 Connector System Product Family  
**Description:** Micro-Fit Terminal Position Assurance (TPA) Retainer, 10 Circuits, 3.00mm Pitch, UL 94V-2, Glow-Wire Capable, Natural

**Documents:**

<a href="#">Drawing (PDF)</a>	<a href="#">Product Specification TS-43045-002-001 (PDF)</a>
<a href="#">3D Model</a>	<a href="#">Packaging Specification 1729530001-PK-000 (PDF)</a>
<a href="#">Product Specification PS-43045 (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>
<a href="#">Product Specification TS-43045-001-001 (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 3.0 Connector System Product Family</a>
Product Literature Order No	987650-5984
Product Name	Micro-Fit TPA, TPA - Term Pos Assurance
UPC	889056430098

**Physical**

Circuits (Loaded)	10
Circuits (maximum)	10
Color - Resin	Natural
Lock to Mating Part	Yes
Material - Resin	Nylon
Net Weight	0.122/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
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**EU ELV**

**Not Reviewed**

**EU RoHS**

**Not Reviewed**

**REACH SVHC**

Not Reviewed

**Halogen-Free**

**Status**

**Not Reviewed**

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

China ROHS

Not Reviewed

ELV

Not Reviewed

RoHS Phthalates

Not Reviewed

**Search Parts in this Series**

[172953](#) Series

**Use With**

Micro-Fit TPA Receptacle Housing Glow Wire Capable [172952](#)

Product Specification

Sales Drawing

PS-43045, PS-43045-001, TS-43045-001-001,  
TS-43045-002-001  
SD-172953-002-001

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