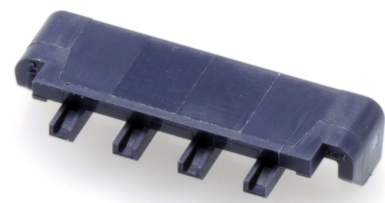




**Part Number :** [1729530802](#)  
**Product Description :** Micro-Fit Terminal  
Position Assurance (TPA) Retainer, 8 Circuits,  
3.00mm Pitch, UL 94V-2, Glow-Wire Capable,  
Natural  
**Series Number :** 172953  
**Status :** Active  
**Product Category :** Connector Accessories



## Documents & Resources


**Drawings**  
[Drawing 1729530802\\_sd.pdf](#)  
[Packaging Design Drawing 1729530001-PK-000.pdf](#)

**3D Models and Design Files**  
[3D Model 1729530802\\_stp.zip](#)

**Specifications**  
[Product Specification 430450001-PS-KO-000.pdf](#)  
[Product Specification 430450001-PS-SP-000.pdf](#)  
[Product Specification PS-43045-001.pdf](#)  
[Test Summary 430450007-TS-000.pdf](#)  
[Test Summary TS-43045-001-001.pdf](#)  
[Test Summary TS-43045-002-001.pdf](#)

## Product Environment Compliance

### Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)4144-DC (27 June 2024)
EU RoHS	Compliant per EU 2015/863

[Multiple Part Product Compliance Statements](#)  
- Eu RoHS

- REACH SVHC

- Low-Halogen

#### Multiple Part Industry Compliance Documents

- IPC 1752A Class C

- IPC 1752A Class D

- Molex Product Compliance Declaration

- IEC-62474

- chemSHERPA (xml)

#### EU RoHS Certificate of Compliance

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## Part Details

### General

Status	Active
Category	Connector Accessories
Series	172953
Description	Micro-Fit Terminal Position Assurance (TPA) Retainer, 8 Circuits, 3.00mm Pitch, UL 94V-2, Glow-Wire Capable, Natural
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
Product Family	Micro-Fit Connector System
Product Name	Micro-Fit TPA
UPC	889056430074

Physical

Circuits (Loaded)	8
Circuits (maximum)	8
Color - Resin	Natural
Lock to Mating Part	Yes
Material - Resin	Nylon
Net Weight	0.103/g
Number of Rows	1
Packaging Type	Bag
Temperature Range - Operating	-40° to +105°C

Use with Part(s)

Description	Part Number
Micro-Fit TPA Receptacle Housings	<u>172952</u>
Micro-Fit TPA Dual Row Plug Housings	<u>203632</u>