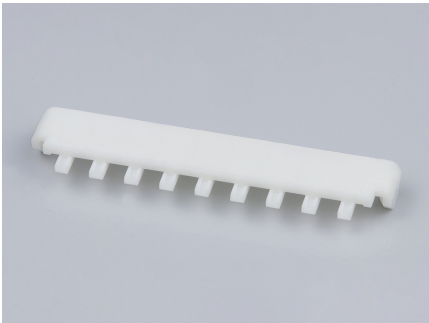




**Part Number :** [1729531801](#)  
**Product Description :** Micro-Fit Terminal  
Position Assurance (TPA) Retainer, 18 Circuits,  
3.00mm Pitch, UL 94V-0, Low-Halogen,  
Natural  
**Series Number :** 172953  
**Status :** Active  
**Product Category :** Connector Accessories



## Documents & Resources

### Drawings

[Drawing 1729531801\\_sd.pdf](#)  
[Packaging Design Drawing 1729530001-PK-000.pdf](#)

### 3D Models and Design Files


[3D Model 1729531801\\_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	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, 18 Circuits, 3.00mm Pitch, UL 94V-0, Low-Halogen, Natural
Comments	See Product Specification for maximum current rating by circuit size and wire AWG
Component Type	Terminal Position Assurance
Product Family	Micro-Fit Connector System
Product Name	Micro-Fit TPA
UPC	889056430166

### Physical

Circuits (Loaded)	18
Circuits (maximum)	18
Color - Resin	Natural
Lock to Mating Part	Yes
Material - Resin	Nylon
Net Weight	0.202/g
Number of Rows	1
Packaging Type	Bag
Temperature Range - Operating	-40° to +105°C

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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>

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