



**Part Number :** [1727090003](#)

**Product Description :** Mini-Fit TPA2 Terminal Position Assurance (TPA) Retainer, 4.20mm Pitch, UL 94V-0, Low-Halogen, 3 Circuits, White

**Series Number :** 172709

**Status :** Active

**Product Category :** Connector Accessories



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## Documents & Resources

### Drawings

[Drawing 1727090003\\_sd.pdf](#)

[Packaging Design Drawing PK-172709-0000-000.pdf](#)

### 3D Models and Design Files

[3D Model 1727090003\\_stp.zip](#)

### Specifications

[Application Specification AS-172718-0000-001.pdf](#)

[Product Specification PS-172718-0000-001.pdf](#)

[Product Specification 2029880001-PS-000.pdf](#)

[Test Summary 1727180001-TS-000.pdf](#)

[Test Summary 1727180002-TS-000.pdf](#)

[Test Summary 2029880001-TS-000.pdf](#)

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## 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(2023)3788-DC (14 Jun 2023)
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	172709
Description	Mini-Fit TPA2 Terminal Position Assurance (TPA) Retainer, 4.20mm Pitch, UL 94V-0, Low-Halogen, 3 Circuits, White
Component Type	Terminal Position Assurance
Product Family	Mini-Fit Family Power Connectors
Product Name	Mini-Fit TPA2
UPC	889056178280

### Physical

Circuits (Loaded)	3
Circuits (maximum)	3
Color - Resin	White
Lock to Mating Part	Yes
Material - Resin	Nylon
Net Weight	0.250/g
Number of Rows	1
Packaging Type	Bag
Temperature Range - Operating	-40° to +105°C

### Solder Process Data

Lead-Free Process Capability	N/A
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**Use with Part(s)**

Description	Part Number
Mini-Fit TPA2 and Mini-Fit Sigma Dual Row Receptacle Housings	<u>172708</u>
Mini-Fit TPA2 and Mini-Fit Sigma Dual Row Plug Housings	<u>172762</u>
Mini-Fit TPA2 and Mini-Fit Sigma Dual Row Plug Housings	<u>172767</u>
Mini-Fit TPA2 and Mini-Fit Sigma Single Row Receptacle Housings	<u>200453</u>
Mini-Fit TPA2 and Mini-Fit Sigma Single Row Plug Housings	<u>200471</u>
Mini-Fit TPA2 and Mini-Fit Sigma Single Row Plug Housings	<u>200488</u>

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