



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



Documents & Resources

Drawings

[1727090003_sd.pdf](#)
[PK-172709-0000-000.pdf](#)

3D Models and Design Files


[STEP AP242](#)
[SOLIDWORKS](#)
[Creo](#)

Specifications

[AS-172718-0000-001.pdf](#)
[2029880001-PS-000.pdf](#)
[1727180001-TS-000.pdf](#)
[1727180002-TS-000.pdf](#)
[2029880001-TS-000.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	 per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)4165-DC (25 June 2025)

EU RoHS	Compliant per EU 2015/863
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Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

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 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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Mates With / Use With

Use with Part(s)

Description	Part Number
Mini-Fit TPA2 Receptacle Housing, 4.20mm Pitch, Dual Row, UL 94V-0, Low-Halogen, 6 Circuits	<u>1727080006</u>
Mini-Fit TPA2 Plug Housing, 4.20mm Pitch, Dual Row, UL 94V-0, Low-Halogen, 6 Circuits	<u>1727620006</u>
Mini-Fit TPA2 Plug Housing, 4.20mm Pitch, Dual Row, UL 94V-0, Low-Halogen, 6 Circuits, Panel Mount	<u>1727670006</u>
Mini-Fit TPA2 Receptacle Housing, 4.20mm Pitch, Single Row, UL 94V-0, Low-Halogen, 3 Circuits	<u>2004530003</u>
Mini-Fit TPA2 Plug Housing, 4.20mm Pitch, Single Row, UL 94V-0, Low-Halogen, 3 Circuits	<u>2004710003</u>
Mini-Fit TPA2 Plug Housing, 4.20mm Pitch, Single Row, UL 94V-0, Low-Halogen, Panel Mount, 3 Circuits	<u>2004880003</u>
Mini-Fit TPA2 Plug Housing, 4.20mm Pitch, Single Row, UL 94V-0, Low-Halogen, Old Panel Mount Style, 3 Circuits	<u>2004881003</u>
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	<u>172767</u>

Dual Row Plug Housings	
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>