Part Number : 1727090006
Product Description : Mini-Fit TPA2 Terminal Position Assurance (TPA) Retainer, 4.20mm Pitch, UL 94V-0, Low-Halogen, 6 Circuits, White
Series Number : 172709
Status : Active
Product Category : Connector Accessories

Documents and Resources

Drawings

1727090006_sd.pdf

PK-172709-0000-000.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Specifications

AS-172718-0000-001.pdf

PS-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)7771-DC (04 Feb 2026)
EU RoHS	Compliant per EU 2015/863

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, 6 Circuits, White
Component Type	Terminal Position Assurance (TPA)
Product Name	Mini-Fit TPA2
UPC	889056178310

Physical

Circuits (Loaded)	6
Circuits (maximum)	6
Color - Resin	White
Lock to Mating Part	Yes
Material - Resin	Nylon
Net Weight	0.363/g
Number of Rows	1
Packaging Type	Bag

Temperature Range - Operating	-40° to +105°C

Solder Process Data

Lead-Free Process Capability	N/A

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, 12 Circuits	1727080012
Mini-Fit TPA2 Plug Housing, 4.20mm Pitch, Dual Row, UL 94V-0, Low-Halogen, 12 Circuits	1727620012
Mini-Fit TPA2 Plug Housing, 4.20mm Pitch, Dual Row, UL 94V-0, Low-Halogen, 12 Circuits, Panel Mount	1727670012
Mini-Fit TPA2 Receptacle Housing, 4.20mm Pitch, Single Row, UL 94V-0, Low-Halogen, 6 Circuits	2004530006
Mini-Fit TPA2 Plug Housing, 4.20mm Pitch, Single Row, UL 94V-0, Low-Halogen, Panel Mount, 6 Circuits	2004880006
Mini-Fit TPA2 Plug Housing, 4.20mm Pitch, Single Row, UL 94V-0, Low-Halogen, Old Panel Mount Style, 6 Circuits	2004881006
Mini-Fit TPA2 and Mini-Fit Sigma Dual Row Receptacle Housings	172708
Mini-Fit TPA2 and Mini-Fit Sigma Dual Row Plug Housings	172762
Mini-Fit TPA2 and Mini-Fit Sigma Dual Row Plug Housings	172767
Mini-Fit TPA2 and Mini-Fit Sigma Single Row Receptacle Housings	200453
Mini-Fit TPA2 and Mini-Fit Sigma Single Row Plug Housings	200471

Mini-Fit TPA2 and Mini-Fit Sigma Single Row Plug Housings	200488