Part Number : 1727092002
Product Description : Mini-Fit Sigma Terminal Position Assurance (TPA) Retainer, 4.20mm Pitch, UL 94V-0, Glow-Wire Capable, 2 Circuits, Natural
Series Number : 172709
Status : Active
Product Category : Connector Accessories



Documents and Resources

Drawings

1727092002_sd.pdf

1727090002-PK-000.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Specifications

1727090000-AS-000.pdf

2131370000-AS-000.pdf

2029880002-PS-000.pdf

2131370000-PS-000.pdf

2131370001-TS-000.pdf

2131370002-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	Not Low-Halogen per IEC 61249-2-21

REACH SVHC	Contains 1,1'-(Ethane-1,2-diyl)bis[pentabromobenzene] 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 Sigma Terminal Position Assurance (TPA) Retainer, 4.20mm Pitch, UL 94V-0, Glow-Wire Capable, 2 Circuits, Natural
Component Type	Terminal Position Assurance (TPA)
Product Name	Mini-Fit Sigma
UPC	191130138913

Physical

Circuits (Loaded)	2
Circuits (maximum)	2
Color - Resin	Natural

Lock to Mating Part	Yes
Material - Resin	Nylon
Net Weight	0.112/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 Sigma Receptacle Housing, 4.20mm Pitch, Dual Row, Glow-Wire Capable, 4 Circuits	1727081004
Mini-Fit Sigma Receptacle Housing, 4.20mm Pitch, Single Row, Glow-Wire Capable, 2 Circuits	2004531002
Mini-Fit Sigma Plug Housing, 4.20mm Pitch, Dual Row, UL 94V-0, Glow-Wire Capable, 4 Circuits	1727621004
Mini-Fit Sigma Plug Housing, 4.20mm Pitch, Dual Row, Panel Mount, UL 94V-0, Glow-Wire Capable, 4 Circuits	1727673004
Mini-Fit Sigma Plug Housing, 4.20mm Pitch, Single Row, Panel Mount, UL 94V-0, Glow-Wire Capable, 2 Circuits	2004882002
Mini-Fit Sigma Sealed Plug Housing, Dual Row, 4.20mm Pitch, 4 Circuits, UL94V-0, Natural	2070170004
Mini-Fit Sigma Plug Housing, 4.20mm Pitch, Single Row, UL 94V-0, Glow-Wire Capable, 2	2004711002

Circuits	