



Part Number : [1727092009](#)

Product Description : Mini-Fit Sigma Terminal
Position Assurance (TPA) Retainer, 4.20mm Pitch, UL
94V-0, Glow-Wire Capable, 9 Circuits, Natural

Series Number : 172709

Status : Active

Product Category : Connector Accessories



Documents and Resources

Drawings

[1727092009_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	Not Contained per D(2025)6375-DC (05 Nov 2025)
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, 9 Circuits, Natural
Component Type	Terminal Position Assurance
Product Name	Mini-Fit Sigma
UPC	193264446087

Physical

Circuits (Loaded)	9
Circuits (maximum)	9
Color - Resin	Natural
Lock to Mating Part	Yes
Material - Resin	Nylon

Net Weight	0.370/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 Sigma Receptacle Housing, 4.20mm Pitch, Dual Row, Glow-Wire Capable, 18 Circuits	<u>1727081018</u>
Mini-Fit Sigma Plug Housing, 4.20mm Pitch, Dual Row, UL 94V-0, Glow-Wire Capable, 18 Circuits	<u>1727621018</u>
Mini-Fit Sigma Plug Housing, 4.20mm Pitch, Dual Row, Panel Mount, UL 94V-0, Glow-Wire Capable, 18 Circuits	<u>1727673018</u>
Mini-Fit Sigma Sealed Plug Housing, Dual Row, 4.20mm Pitch, 18 Circuits, UL94V-0, Natural	<u>2070170018</u>