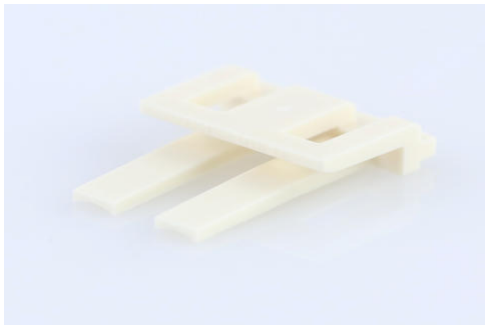




**Part Number :** [1727092002](#)  
**Product Description :** Mini-Fit Sigma Terminal  
Position Assurance (TPA) Retainer, 4.20mm Pitch, UL  
94V-0, Glow-Wire Capable, 2 Circuits, Natural  
**Series Number :** 172709  
**Status :** Active  
**Product Category :** Connector Accessories



## Documents & 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	Not Contained per D(2025)4165-DC (25 June 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

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**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
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
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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, 4 Circuits	<u><a href="#">1727081004</a></u>
Mini-Fit Sigma Receptacle Housing, 4.20mm Pitch, Single Row, Glow-Wire Capable, 2 Circuits	<u><a href="#">2004531002</a></u>
Mini-Fit Sigma Plug Housing, 4.20mm Pitch, Dual Row, UL 94V-0, Glow-Wire Capable, 4 Circuits	<u><a href="#">1727621004</a></u>
Mini-Fit Sigma Plug Housing, 4.20mm Pitch, Dual Row, Panel Mount, UL 94V-0, Glow-Wire Capable, 4 Circuits	<u><a href="#">1727673004</a></u>
Mini-Fit Sigma Plug Housing, 4.20mm Pitch, Single Row, Panel Mount, UL 94V-0, Glow-Wire Capable, 2 Circuits	<u><a href="#">2004882002</a></u>
Mini-Fit Sigma Sealed Plug Housing, Dual Row, 4.20mm Pitch, 4 Circuits, UL94V-0, Natural	<u><a href="#">2070170004</a></u>
Mini-Fit Sigma Plug Housing, 4.20mm Pitch, Single Row, UL 94V-0, Glow-Wire Capable, 2 Circuits	<u><a href="#">2004711002</a></u>