



Part Number : [1727621008](#)
Product Description : Mini-Fit Sigma Plug Housing,
4.20mm Pitch, Dual Row, UL 94V-0, Glow-Wire
Capable, 8 Circuits
Series Number : 172762
Status : Active
Product Category : Connector Housings



Documents & Resources

Drawings

- [1727621008_sd.pdf](#)
- [1727620001-PK-000.pdf](#)

3D Models and Design Files

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

Specifications

- [2131370000-AS-000.pdf](#)
- [2029880002-PS-000.pdf](#)
- [2131370000-PS-000.pdf](#)
- [1727180003-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(2024)7663-DC (21 Jan 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 Housings
Series	172762
Description	Mini-Fit Sigma Plug Housing, 4.20mm Pitch, Dual Row, UL 94V-0, Glow-Wire Capable, 8 Circuits
Application	Power, Wire-to-Board, Wire-to-Wire
Product Name	Mini-Fit Sigma
UPC	193264446179

Agency

UL	E29179
----	--------

Physical

Circuits (maximum)	8
Color - Resin	Black
Flammability	94V-0
Gender	Plug

Glow-Wire Capable	Yes
Lock to Mating Part	Yes
Material - Resin	Nylon
Net Weight	2.820/g
Number of Rows	2
Packaging Type	Bag
Panel Mount	No
Pitch - Mating Interface	4.20mm
Pitch - Termination Interface	4.20mm
Polarized to Mating Part	Yes
Temperature Range - Operating	-40° to +105°C

Solder Process Data

Lead-Free Process Capability	N/A
------------------------------	-----

Mates With / Use With

Mates with Part(s)

Description	Part Number
Mini-Fit TPA2 and Mini-Fit Sigma Dual Row Receptacle Housings	<u>172708</u>

Use with Part(s)

Description	Part Number
Mini-Fit Sigma Terminal Position Assurance (TPA) Retainer, 4.20mm Pitch, UL 94V-0, Glow-Wire Capable, 4 Circuits, Natural	<u>1727092004</u>
Mini-Fit TPA2/Sigma Male Crimp Terminals	<u>172765</u>
Mini-Fit TPA2/Sigma Male Crimp Terminals	<u>203070</u>