



Part Number : [1727620102](#)

Product Description : Mini-Fit TPA2 Plug Housing, 4.20mm Pitch, Dual Row, UL 94V-2, Glow-Wire Capable, 2 Circuits

Series Number : 172762

Status : Active

Product Category : Connector Housings

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## Documents & Resources

### Drawings

[Drawing 1727620102\\_sd.pdf](#)

[Packaging Design Drawing PK-172762-0000-000.pdf](#)

### 3D Models and Design Files

[3D Model 1727620102\\_stp.zip](#)

### Specifications

[Application Specification AS-172718-0000-001.pdf](#)


[Product Specification PS-172718-0000-001.pdf](#)

[Test Summary 1727180002-TS-000.pdf](#)

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## Product Environment Compliance

### Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)4144-DC (27 June 2024)
EU RoHS	Compliant per EU 2015/863

### Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

### Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D

- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

EU RoHS Certificate of Compliance

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## Part Details

### General

Status	Active
Category	Connector Housings
Series	172762
Description	Mini-Fit TPA2 Plug Housing, 4.20mm Pitch, Dual Row, UL 94V-2, Glow-Wire Capable, 2 Circuits
Application	Power, Wire-to-Wire
Comments	See product specification for current derating information.
Product Family	Mini-Fit Family Power Connectors
Product Name	Mini-Fit TPA2
UPC	889056262019

### Agency

UL	E29179
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### Physical

Circuits (maximum)	2
Color - Resin	Black
Flammability	94V-0
Gender	Plug
Glow-Wire Capable	Yes
Lock to Mating Part	Yes
Material - Resin	Nylon
Net Weight	1.290/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
Stackable	No
Temperature Range - Operating	-40° to +105°C

**Solder Process Data**

Lead-Free Process Capability	N/A
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**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>
Mini-Fit Jr. Receptacle Housings	<u>5557</u>

**Use with Part(s)**

Description	Part Number
Mini-Fit TPA2/Sigma Male Crimp Terminals	<u>172765</u>
Mini-Fit TPA2/Sigma Male Crimp Terminals	<u>203070</u>
Mini-Fit TPA2 and Mini-Fit Sigma Terminal Position Assurance (TPA) Retainers	<u>172709</u>

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