



**Part Number :** [1727620002](#)

**Product Description :** Mini-Fit TPA2 Plug Housing, 4.20mm Pitch, Dual Row, UL 94V-0, Low-Halogen, 2 Circuits

**Series Number :** 172762

**Status :** Active

**Product Category :** Connector Housings



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## Documents & Resources

### Drawings

[1727620002\\_sd.pdf](#)

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

### 3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

### Specifications

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

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

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

[1727180003-TS-000.pdf](#)

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## Product Environment Compliance

### Compliance

GADSL/IMDS	Not Relevant
China RoHS	Not Relevant
EU ELV	Not Relevant
Low-Halogen Status	Not Relevant
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 Housings
Series	172762
Description	Mini-Fit TPA2 Plug Housing, 4.20mm Pitch, Dual Row, UL 94V-0, Low-Halogen, 2 Circuits
Application	Power, Wire-to-Wire
Comments	See product specification for current derating information.
Product Name	Mini-Fit TPA2
UPC	889056261951

### Agency

UL	E29179
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### Physical

Circuits (maximum)	2
Color - Resin	Black
Flammability	94V-0
Gender	Plug

Glow-Wire Capable	No
Lock to Mating Part	Yes
Material - Resin	Nylon
Net Weight	1.180/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 Terminal Position Assurance (TPA) Retainer, 4.20mm Pitch, UL 94V-0, Low-Halogen, 1 Circuit, White	<u>1727090001</u>
Mini-Fit TPA2/Sigma Male Crimp Terminals	<u>172765</u>
Mini-Fit TPA2/Sigma Male Crimp Terminals	<u>203070</u>