



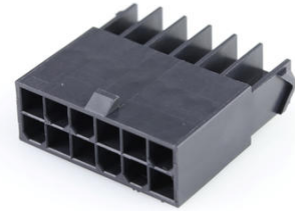
Part Number : [1727620012](#)

Product Description : Mini-Fit TPA2 Plug Housing, 4.20mm Pitch, Dual Row, UL 94V-0, Low-Halogen, 12 Circuits

Series Number : 172762

Status : Active

Product Category : Connector Housings



Documents & Resources

Drawings

[1727620012_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](#)

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

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, 12 Circuits |
| Application | Power, Wire-to-Wire |
| Comments | See product specification for current derating information. |
| Product Name | Mini-Fit TPA2 |
| UPC | 889056262002 |

Agency

| | |
|----|--------|
| UL | E29179 |
|----|--------|

Physical

| | |
|--------------------|-------|
| Circuits (maximum) | 12 |
| Color - Resin | Black |
| Flammability | 94V-0 |
| Gender | Plug |

| | |
|-------------------------------|----------------|
| Glow-Wire Capable | No |
| Lock to Mating Part | Yes |
| Material - Resin | Nylon |
| Net Weight | 3.310/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 |
|------------------------------|-----|

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, 6 Circuits, White | <u>1727090006</u> |
| Mini-Fit TPA2/Sigma Male Crimp Terminals | <u>172765</u> |
| Mini-Fit TPA2/Sigma Male Crimp Terminals | <u>203070</u> |