**Part Number :** 1727620008
**Product Description :** Mini-Fit TPA2 Plug Housing, 4.20mm Pitch, Dual Row, UL 94V-0, Low-Halogen, 8 Circuits
**Series Number :** 172762
**Status :** Active
**Product Category :** Connector Housings



## Documents and Resources

### Drawings

1727620008_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)7771-DC (04 Feb 2026) |
| EU RoHS | Compliant per EU 2015/863 |

Compliance Statements

- EU RoHS
- REACH SVHC

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- 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, 8 Circuits |
| Application | Wire-to-Wire |
| Comments | See product specification for current derating information. |
| Component Type | Plug |
| Product Name | Mini-Fit TPA2 |
| UPC | 889056261982 |

### Agency

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

### Physical

| | |
|---|---|
| Circuits (maximum) | 8 |
| Color - Resin | Black |
| Flammability | 94V-0 |
| Gender | Plug |
| Glow-Wire Capable | No |
| Keying to Mating Part | No |

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| | |
|---|---|
| Lock to Mating Part | Yes |
| Material - Resin | Nylon |
| Net Weight | 2.310/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 | 172708 |
| Mini-Fit Jr. Receptacle Housings | 5557 |

### Use with Part(s)

| Description | Part Number |
|---|---|
| Mini-Fit TPA2 Terminal Position Assurance (TPA) Retainer, 4.20mm Pitch, UL 94V-0, Low-Halogen, 4 Circuits, White | 1727090004 |
| Mini-Fit TPA2/Sigma Male Crimp Terminals | 172765 |
| Mini-Fit TPA2/Sigma Male Crimp Terminals | 203070 |



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