

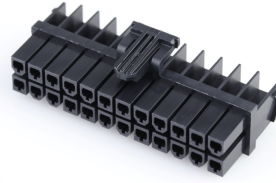
**Part Number :** [1727080024](#)

**Product Description :** Mini-Fit TPA2 Receptacle Housing, 4.20mm Pitch, Dual Row, UL 94V-0, Low-Halogen, 24 Circuits

**Series Number :** 172708

**Status :** Active

**Product Category :** Connector Housings



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## Documents & Resources

### Drawings

[Drawing 1727080024\\_sd.pdf](#)

[Packaging Design Drawing 1727080001-PK-000.pdf](#)

### 3D Models and Design Files

[3D Model PDF 1727080024.pdf](#)

[3D Model 1727080024\\_stp.zip](#)

### Specifications

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

[Product Specification 2029880001-PS-000.pdf](#)

[Test Summary 2029880001-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(2023)3788-DC (14 Jun 2023)
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	172708
Description	Mini-Fit TPA2 Receptacle Housing, 4.20mm Pitch, Dual Row, UL 94V-0, Low-Halogen, 24 Circuits
Application	Power, Wire-to-Board, Wire-to-Wire
Comments	See product specification for current derating information.
Product Family	Mini-Fit Family Power Connectors
Product Name	Mini-Fit TPA2
UPC	191128362115

### Agency

UL	E29179
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### Physical

Circuits (maximum)	24
Color - Resin	Black
Flammability	94V-0
Gender	Receptacle
Glow-Wire Capable	No
Lock to Mating Part	Yes
Material - Resin	Nylon
Net Weight	4.182/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

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## Mates With / Use With

### Mates with Part(s)

Description	Part Number
Mini-Fit TPA2 and Mini-Fit Sigma Dual Row Plug Housings	<u>172762</u>
Mini-Fit TPA2 and Mini-Fit Sigma Dual Row Plug Housings	<u>172767</u>
Mini-Fit Jr. Plug Housings	<u>5559</u>
Mini-Fit Vertical Dual Row Headers	<u>172447</u>
Mini-Fit Jr. Right-Angle Dual Row Headers	<u>172448</u>
Mini-Fit 4.20mm Pitch Dual Row Right-Angle Headers	<u>35317</u>
Mini-Fit 4.20mm Pitch Dual Row Right-Angle Headers	<u>35318</u>
Mini-Fit Jr. Vertical Dual Row Headers	<u>43460</u>
Mini-Fit Jr. Right-Angle Dual Row Headers	<u>44130</u>
Mini-Fit Jr. Vertical, Dual Row, Reflow Solder Capable Headers	<u>46207</u>
Mini-Fit Jr. Right-Angle Dual Row Reflow Solder Capable Headers	<u>46991</u>
Mini-Fit Jr. Vertical Headers	<u>5566</u>
Mini-Fit Jr. Right-Angle Headers	<u>5569</u>
Mini-Fit Jr. Dual Row Headers	<u>87427</u>
Mini-Fit Jr. Dual Row Test Plugs	<u>44281</u>

### Use with Part(s)

Description	Part Number
Mini-Fit TPA2/Sigma Female Crimp Terminals	<u>172718</u>
Mini-Fit TPA2/Sigma Female Crimp Terminals	<u>202988</u>
Pre-Crimped Lead Mini-Fit Sigma Female-to-Mini-Fit Sigma Female	<u>219670</u>
Pre-Crimped Lead Mini-Fit Sigma Female-to-Pigtail	<u>219671</u>
Mini-Fit TPA2 and Mini-Fit Sigma Terminal Position Assurance (TPA) Retainers	<u>172709</u>
Mini-Fit TPA2 Connector Position Assurance (CPA) Retainers	<u>203603</u>

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