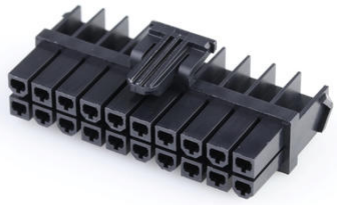
**Part Number :** 1727080020
**Product Description :** Mini-Fit TPA2 Receptacle Housing, 4.20mm Pitch, Dual Row, UL 94V-0, Low-Halogen, 20 Circuits
**Series Number :** 172708
**Status :** Active
**Product Category :** Connector Housings



## Documents and Resources

### Drawings

1727080020_sd.pdf

1727080001-PK-000.pdf

### 3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

### Specifications

AS-172718-0000-001.pdf

2029880001-PS-000.pdf

1727180003-TS-000.pdf

2029880001-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 | 172708 |
| Description | Mini-Fit TPA2 Receptacle Housing, 4.20mm Pitch, Dual Row, UL 94V-0, Low-Halogen, 20 Circuits |
| Application | Wire-to-Board, Wire-to-Wire |
| Comments | See product specification for current derating information. |
| Component Type | Receptacle |
| Product Name | Mini-Fit TPA2 |
| UPC | 191128361477 |

### Agency

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

### Physical

| | |
|---|---|
| Circuits (maximum) | 20 |
| Color - Resin | Black |
| Flammability | 94V-0 |
| Gender | Receptacle |
| Glow-Wire Capable | No |
| Keying to Mating Part | No |

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| | |
|---|---|
| Lock to Mating Part | Yes |
| Material - Resin | Nylon |
| Net Weight | 3.538/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 |

## Mates With / Use With

### Mates with Part(s)

| Description | Part Number |
|---|---|
| Mini-Fit TPA2 and Mini-Fit Sigma Dual Row Plug Housings | 172762 |
| Mini-Fit TPA2 and Mini-Fit Sigma Dual Row Plug Housings | 172767 |
| Mini-Fit Jr. Plug Housings | 5559 |
| Mini-Fit Vertical Dual Row Headers | 172447 |
| Mini-Fit Jr. Right-Angle Dual Row Headers | 172448 |
| Mini-Fit 4.20mm Pitch Dual Row Right-Angle Headers | 35317 |
| Mini-Fit 4.20mm Pitch Dual Row Right-Angle Headers | 35318 |
| Mini-Fit Jr. Vertical Dual Row Headers | 43460 |
| Mini-Fit Jr. Right-Angle Dual Row Headers | 44130 |
| Mini-Fit Jr. Vertical, Dual Row, Reflow Solder Capable Headers | 46207 |
| Mini-Fit Jr. Right-Angle Dual Row Reflow Solder Capable Headers | 46991 |

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| | |
|---|---|
| Mini-Fit Jr. Vertical Headers | 5566 |
| Mini-Fit Jr. Right-Angle Headers | 5569 |
| Mini-Fit Jr. Dual Row Headers | 87427 |
| Mini-Fit Jr. Dual Row Test Plugs | 44281 |

**Use with Part(s)**

| Description | Part Number |
|---|---|
| Mini-Fit TPA2 Terminal Position Assurance (TPA) Retainer, 4.20mm Pitch, UL 94V-0, Low-Halogen, 10 Circuits, White | 1727090010 |
| Mini-Fit TPA2/Sigma Female Crimp Terminals | 172718 |
| Mini-Fit TPA2/Sigma Female Crimp Terminals | 202988 |
| Pre-Crimped Lead Mini-Fit Sigma/ TPA2 Female-to-Mini-Fit Sigma/ TPA2 Female | 219670 |
| Pre-Crimped Lead Mini-Fit Sigma/ TPA2 Female-to-Pigtail | 219671 |
| Mini-Fit TPA2/Sigma Female Low Mating Force Crimp Terminals | 221442 |
| Mini-Fit TPA2 Connector Position Assurance (CPA) Retainers | 203603 |



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