



Part Number : [1724470216](#)
Product Description : Mini-Fit Jr. Header, Dual Row,
Vertical, without Snap-in Plastic Peg PCB Lock, 16
Circuits, PA Polyamide Nylon 6/6 94V-2, Tin (Sn)
Plating, Glow-Wire Capable
Series Number : 172447
Status : Active
Product Category : PCB Headers and Receptacles



Documents & Resources

Drawings

[1724470216 sd.pdf](#)

3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

[Symbol and Footprint \(Multi-Format\)](#)

Specifications

[1722990000-AS-000.pdf](#)


[PS-5556-001-001.pdf](#)

[TS-5556-002-001.pdf](#)

[TS-5566-002-001.pdf](#)

Product Environment Compliance

Compliance

| | |
|--------------------|--|
| GADSL/IMDS | Not Relevant |
| China RoHS |  per SJ/T 11365-2006 |
| EU ELV | Not Relevant |
| Low-Halogen Status | Not Low-Halogen per IEC 61249-2-21 |
| 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 | PCB Headers and Receptacles |
| Series | 172447 |
| Description | Mini-Fit Jr. Header, Dual Row, Vertical, without Snap-in Plastic Peg PCB Lock, 16 Circuits, PA Polyamide Nylon 6/6 94V-2, Tin (Sn) Plating, Glow-Wire Capable |
| Application | Power, Wire-to-Board |
| Component Type | PCB Header |
| Product Name | Mini-Fit Jr. |
| UPC | 887191730226 |

Agency

| | |
|-----|---------|
| CSA | LR19980 |
| UL | E29179 |

Electrical

| | |
|-------------------------------|------|
| Current - Maximum per Contact | 9.0A |
|-------------------------------|------|

| | |
|-------------------|------------------|
| Voltage - Maximum | 600V AC (RMS)/DC |
|-------------------|------------------|

Physical

| | |
|--------------------------------|----------------|
| Breakaway | No |
| Circuits (Loaded) | 16 |
| Circuits (maximum) | 16 |
| Color - Resin | Black |
| Durability (mating cycles max) | 30 |
| First Mate / Last Break | No |
| Flammability | 94V-2 |
| Glow-Wire Capable | Yes |
| Guide to Mating Part | No |
| Keying to Mating Part | Yes |
| Lock to Mating Part | Yes |
| Material - Metal | Brass |
| Material - Plating Mating | Tin |
| Material - Plating Termination | Tin |
| Material - Resin | Nylon |
| Net Weight | 3.439/g |
| Number of Rows | 2 |
| Orientation | Vertical |
| Packaging Type | Tray |
| PCB Locator | Yes |
| PCB Retention | None |
| PCB Thickness - Recommended | 1.60mm |
| Pitch - Mating Interface | 4.20mm |
| Pitch - Termination Interface | 4.20mm |
| Plating min - Termination | 2.540µm |
| Polarized to Mating Part | Yes |
| Polarized to PCB | Yes |
| Shrouded | Fully |
| Stackable | No |
| Temperature Range - Operating | -40° to +105°C |
| Termination Interface Style | Through Hole |

Solder Process Data

| | |
|------------------------------|------|
| Max-Duration | 5 |
| Lead-Free Process Capability | WAVE |
| Max-Cycle | 1 |
| Max-Temp | 260 |

Mates With / Use With

Mates with Part(s)

| | |
|---|---------------|
| Description | Part Number |
| Mini-Fit Jr. Dual Row Receptacle Housings | <u>46992</u> |
| Mini-Fit TPA2 and Mini-Fit Sigma Dual Row Receptacle Housings | <u>172708</u> |