

**Part Number :** 1724470612

**Product Description :** Mini-Fit Versa Color Header, Dual Row, Vertical, with Snap-in Plastic Peg PCB Lock, 12 Circuits, Nylon 6/6, UL 94V-0, Tin (Sn) Plating, Glow-Wire Capable, Blue

**Series Number :** 172447

**Status :** Active

**Product Category :** PCB Headers and Receptacles



## Documents & Resources

### Drawings

Drawing 1724470612\_sd.pdf

### 3D Models and Design Files

3D Model 1724470612\_stp.zip

3D Model PDF 1724470612.pdf

### Specifications

Application Specification 1722990000-AS-000.pdf

Product Specification PS-5556-001-001.pdf

Test Summary TS-5556-002-001.pdf

Test Summary TS-5566-002-001.pdf

## Product Environment Compliance

### Compliance

|                    |              |
|--------------------|--------------|
| GADSL/IMDS         | Not Reviewed |
| China RoHS         | Not Reviewed |
| EU ELV             | Not Reviewed |
| Low-Halogen Status | Not Reviewed |
| REACH SVHC         | Not Reviewed |
| EU RoHS            | Not Reviewed |

### 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       | PCB Headers and Receptacles   |
| Series         | 172447  |
| Description    | Mini-Fit Versa Color Header, Dual Row, Vertical, with Snap-in Plastic Peg PCB Lock, 12 Circuits, Nylon 6/6, UL 94V-0, Tin (Sn) Plating, Glow-Wire Capable, Blue |
| Application    | Power, Wire-to-Board  |
| Component Type | PCB Header  |
| Product Family | Mini-Fit Family Power Connectors  |
| Product Name   | Mini-Fit Versa Color  |
| UPC            | 195842692268  |

### **Agency**

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

### **Electrical**

|                               |                  |
|-------------------------------|------------------|
| Current - Maximum per Contact | 9.0A             |
| Voltage - Maximum             | 600V AC (RMS)/DC |

### **Physical**

|                                |      |
|--------------------------------|------|
| Breakaway                      | No   |
| Circuits (Loaded)              | 12   |
| Circuits (maximum)             | 12   |
| Color - Resin                  | Blue |
| Durability (mating cycles max) | 30   |

|                               |                |
|-------------------------------|----------------|
| First Mate / Last Break       | No             |
| Flammability                  | 94V-0          |
| 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 - Resin              | Nylon          |
| Net Weight                    | 5.581/g        |
| Number of Rows                | 2              |
| Orientation                   | Vertical       |
| Packaging Type                | Tray           |
| PCB Locator                   | Yes            |
| PCB Retention                 | Yes            |
| PCB Thickness - Recommended   | 1.60mm         |
| Pitch - Mating Interface      | 4.20mm         |
| Pitch - Termination Interface | 4.20mm         |
| 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   |

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## Mates With / Use With

### Mates with Part(s)

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

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