



**Part Number :** [1724470402](#)

**Product Description :** Mini-Fit Versa Color Header, Dual Row, Vertical, with Snap-in Plastic Peg PCB Lock, 2 Circuits, Nylon 6/6, UL 94V-0, Tin (Sn) Plating, Glow-Wire Capable, Red

**Series Number :** 172447

**Status :** Active

**Product Category :** PCB Headers and Receptacles



Documents & Resources

Drawings

[Drawing 1724470402\\_sd.pdf](#)

3D Models and Design Files

[3D Model 1724470402\\_stp.zip](#)

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 Relevant                                                                          |
| China RoHS         |  |
| EU ELV             | Not Relevant                                                                          |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21                                                        |
| 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       | PCB Headers and Receptacles                                                                                                                                   |
| Series         | 172447                                                                                                                                                        |
| Description    | Mini-Fit Versa Color Header, Dual Row, Vertical, with Snap-in Plastic Peg PCB Lock, 2 Circuits, Nylon 6/6, UL 94V-0, Tin (Sn) Plating, Glow-Wire Capable, Red |
| Application    | Power, Wire-to-Board                                                                                                                                          |
| Component Type | PCB Header                                                                                                                                                    |
| Product Family | Mini-Fit Family Power Connectors                                                                                                                              |
| Product Name   | Mini-Fit Versa Color                                                                                                                                          |
| UPC            | 195842692152                                                                                                                                                  |

#### Agency

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

#### Electrical

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

#### Physical

|                                |     |
|--------------------------------|-----|
| Breakaway                      | No  |
| Circuits (Loaded)              | 2   |
| Circuits (maximum)             | 2   |
| Color - Resin                  | Red |
| 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                    | 1.394/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> |