



**Part Number :** [1724479402](#)  
**Product Description :** Mini-Fit Versa Color Header, Dual Row, Vertical, 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  
**Engineering Number :** 1724470606



Documents & Resources

Drawings

[Drawing 1724479402\\_sd.pdf](#)

3D Models and Design Files

[3D Model 1724479402\\_stp.zip](#)

Specifications

[Application Specification 1722990000-AS-000.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, 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            | 195842703377                                                                                                               |

### 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                     | 0.665/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> |