# molex

Part Number: 2240941022

Product Description: Mini-Fit Versa-to-Mini-Fit Versa Off-the-Shelf (OTS) Cable Assembly, 4.20mm Pitch, Dual Row, 150.00mm Length, 2

Circuits, Black

Series Number: 224094

Status: Active

**Product Category:** Power and Signal Cable

**Assemblies** 



#### **Documents & Resources**

**Drawings** 

2240941022\_sd.pdf

#### **Product Environment Compliance**

#### Compliance

| GADSL/IMDS         | Not Relevant                                      |
|--------------------|---|
| China RoHS         | <b>©</b>  |
| EU ELV             | Not Relevant                                      |
| Low-Halogen Status | Not Low-Halogen per IEC 61249-2-<br>21            |
| REACH SVHC         | Not Contained per D(2024)7663-DC<br>(21 Jan 2025) |
| 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

## **Part Details**

### General

| Status                 | Active  |
|------------------------|---|
| Category               | Power and Signal Cable Assemblies   |
| Series                 | 224094  |
| Description            | Mini-Fit Versa-to-Mini-Fit Versa Off-<br>the-Shelf (OTS) Cable Assembly,<br>4.20mm Pitch, Dual Row,<br>150.00mm Length, 2 Circuits, Black |
| Application            | Power, Wire-to-Board, Wire-to-Wire  |
| Assembly Configuration | Dual Ended Connectors   |
| Connector to Connector | Mini-Fit Versa-to-Mini-Fit Versa  |
| Product Name           | Mini-Fit Versa Color  |
| Туре                   | Discrete Wire Assembly  |
| UPC                    | 196823353468  |

## Electrical

| Current - Maximum per Contact | 9.0A |
|-------------------------------|------|
| Voltage - Maximum             | 600V |

# Physical

| Cable Length                   | 150.00mm      |
|--------------------------------|---------------|
| Circuits (Loaded)              | 2             |
| Circuits (maximum)             | 2             |
| Color - Resin                  | Black         |
| Gender                         | Female-Female |
| Lock to Mating Part            | Yes           |
| Material - Metal               | Brass         |
| Material - Plating Mating      | Tin           |
| Material - Plating Termination | Tin           |
| Material - Resin               | Nylon         |
| Net Weight                     | 8.998/g       |
| Number of Rows                 | 2             |
| Overmolded                     | No            |
| Packaging Type                 | Bag           |

| Pitch - Mating Interface    | 4.20mm               |
|-----------------------------|----------------------|
| Single Ended                | No                   |
| Termination Interface Style | Crimp or Compression |
| Wire/Cable Type             | UL 1015              |
| Wire Size (AWG)             | 16                   |

## Mates With / Use With

## Mates with Part(s)

| Description  | Part Number  |
|--|--------------|
| Mini-Fit Jr. Dual Row Plug Housings                                | <u>46993</u> |
| Mini-Fit Jr. Right-Angle Dual Row<br>Reflow Solder Capable Headers | <u>46991</u> |

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