



Part Number : 469930411

Product Description : Mini-Fit Jr. Plug Housing, Dual Row without Panel Mount Ears, Nylon 6/6, UL 94V-2, 4 Circuits, Glow-Wire Capable, Black

Series Number : 46993

Status : Active

Product Category : Connector Housings

Documents & Resources

Drawings

Drawing 469930411\_sd.pdf

3D Models and Design Files

3D Model 469930411\_stp.zip

Specifications

Application Specification 55560001-AS-000.pdf

Packaging Specification PK-5559-002-001.pdf

Packaging Specification PK-5559-001-001.pdf

Product Specification PS-45750-001-001.pdf

Product Specification PS-5556-001-001.pdf

Test Summary 457500003-TS-000.pdf

Test Summary 55560010-TS-000.pdf

Test Summary TS-5556-002-001.pdf

Product Environment Compliance

Compliance

|                    |                                                                                       |
|--------------------|---------------------------------------------------------------------------------------|
| GADSL/IMDS         | Not Relevant                                                                          |
| China RoHS         |  |
| EU ELV             | Not Relevant                                                                          |
| Low-Halogen Status | Not Low-Halogen per IEC 61249-2-21                                                    |
| REACH SVHC         | Not Contained per D(2024)4144-DC (27 June 2024)                                       |
| 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       | Connector Housings                                                                                                      |
| Series         | 46993                                                                                                                   |
| Description    | Mini-Fit Jr. Plug Housing, Dual Row without Panel Mount Ears, Nylon 6/6, UL 94V-2, 4 Circuits, Glow-Wire Capable, Black |
| Application    | Power, Wire-to-Board, Wire-to-Wire                                                                                      |
| Product Family | Mini-Fit Family Power Connectors                                                                                        |
| Product Name   | Mini-Fit Jr.                                                                                                            |
| UPC            | 887191395623                                                                                                            |

#### Agency

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

#### Physical

|                       |       |
|-----------------------|-------|
| Circuits (maximum)    | 4     |
| Color - Resin         | Black |
| Flammability          | 94V-2 |
| Gender                | Plug  |
| Glow-Wire Capable     | Yes   |
| Keying to Mating Part | None  |
| Lock to Mating Part   | Yes   |
| Material - Resin      | Nylon |

|                               |                |
|-------------------------------|----------------|
| Net Weight                    | 1.516/g        |
| Number of Rows                | 2              |
| Packaging Type                | Bag            |
| Panel Mount                   | No             |
| Pitch - Mating Interface      | 4.20mm         |
| Pitch - Termination Interface | 4.20mm         |
| Polarized to Mating Part      | Yes            |
| Ports                         | 1              |
| Stackable                     | No             |
| Temperature Range - Operating | -40° to +105°C |

## Solder Process Data

|                              |     |
|------------------------------|-----|
| Lead-Free Process Capability | N/A |
|------------------------------|-----|

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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> |

### Use with Part(s)

| Description                        | Part Number  |
|------------------------------------|--------------|
| Mini-Fit Male Crimp Terminals      | <u>5558</u>  |
| Mini-Fit Plus Male Crimp Terminals | <u>46012</u> |