



Part Number : 2153281061

Series Number : 215328

Product Category : Power and Signal Cable Assemblies

Product Description : Mini-Fit Jr. Male-to-Pigtail Off-the-Shelf (OTS) Cable Assembly, Dual Row, 150.00mm Length, Tin (Sn) Plating, 6 Circuits, Black

Status : Active

Documents & Resources

Drawings

Drawing 2153281061\_sd.pdf

3D Models and Design Files

3D Model 2153281061\_stp.zip

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(2023)8585-DC (23 Jan 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)

## Part Details

### General

|                        |   |
|------------------------|---|
| Status                 | Active  |
| Category               | Power and Signal Cable Assemblies   |
| Series                 | 215328  |
| Description            | Mini-Fit Jr. Male-to-Pigtail Off-the-Shelf (OTS) Cable Assembly, Dual Row, 150.00mm Length, Tin (Sn) Plating, 6 Circuits, Black |
| Application            | Power, Wire-to-Wire   |
| Assembly Configuration | Single Ended Connector  |
| Connector to Connector | Mini-Fit Jr.-to-Pigtail   |
| Product Family         | Mini-Fit Family Power Connectors  |
| Product Name           | Mini-Fit Jr.  |
| Type                   | Discrete Wire Assembly  |
| UPC                    | 193264590605  |

### Electrical

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

### Physical

|                                |              |
|--------------------------------|--------------|
| Cable Length                   | 150.00mm     |
| Circuits (Loaded)              | 6            |
| Circuits (maximum)             | 6            |
| Color - Resin                  | Black        |
| Gender                         | Male-Pigtail |
| Lock to Mating Part            | Yes          |
| Material - Metal               | Brass        |
| Material - Plating Mating      | Tin          |
| Material - Plating Termination | Tin          |
| Material - Resin               | Nylon        |
| Net Weight                     | 24.321/g     |
| Number of Rows                 | 2            |

|                             |                      |
|-----------------------------|----------------------|
| Overmolded                  | No                   |
| Packaging Type              | Bag                  |
| Pitch - Mating Interface    | 4.20mm               |
| Plating min - Mating        | 2.540µm              |
| Plating min - Termination   | 2.540µm              |
| Single Ended                | Yes                  |
| Termination Interface Style | Crimp or Compression |
| Wire/Cable Type             | UL 1015              |
| Wire Insulation Diameter    | 1.80-3.10mm          |
| Wire Size (AWG)             | 16                   |

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## Mates With / Use With

### Mates with Part(s)

| Description  | Part Number   |
|--|---------------|
| Mini-Fit Jr. Receptacle Housings   | <u>5557</u>   |
| Mini-Fit TPA2-to-Mini-Fit TPA2 Off-the-Shelf (OTS) Cable Assemblies          | <u>45135</u>  |
| Mini-Fit Jr.-to-Mini-Fit Jr. Off-the-Shelf (OTS) Overmolded Cable Assemblies | <u>245135</u> |