molex



**Part Number :** 2153212061
**Product Description :** Mini-Fit Jr. Female-to-Pigtail Off-the-Shelf (OTS) Cable Assembly, Single Row, 150.00mm Length, Gold (Au) Plating, 6 Circuits, Black
**Series Number :** 215321
**Status :** Active
**Product Category :** Power and Signal Cable Assemblies

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## Documents & Resources

### Drawings

2153212061_sd.pdf

### 3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

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## Product Environment Compliance

### Compliance

| | |
|---|---|
| GADSL/IMDS | Not Relevant |
| China RoHS | per SJ/T 11365-2006 |
| EU ELV | Not Relevant |
| Low-Halogen Status | Not Low-Halogen per IEC 61249-2-21 |
| REACH SVHC | Not Contained per D(2024)7663-DC (21 Jan 2025) |
| EU RoHS | Compliant per EU 2015/863 |

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

Substances of Interest
- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

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## Part Details

### General

| | |
|---|---|
| Status | Active |
| Category | Power and Signal Cable Assemblies |
| Series | 215321 |
| Description | Mini-Fit Jr. Female-to-Pigtail Off-the-Shelf (OTS) Cable Assembly, Single Row, 150.00mm Length, Gold (Au) Plating, 6 Circuits, Black |
| Application | Power, Wire-to-Board, Wire-to-Wire |
| Assembly Configuration | Single Ended Connector |
| Connector to Connector | Mini-Fit Jr.-to-Pigtail |
| Product Name | Mini-Fit Jr. |
| Type | Discrete Wire Assembly |
| UPC | 193264597215 |

### 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 | Female-Pigtail |

| | |
|---|---|
| Lock to Mating Part | Yes |
| Material - Metal | Brass |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Tin |
| Material - Resin | Nylon |
| Net Weight | 42.050/g |
| Number of Rows | 1 |
| Overmolded | No |
| Packaging Type | Bag |
| Pitch - Mating Interface | 4.20mm |
| Plating min - Mating | 0.762µm |
| Plating min - Termination | 0.762µm |
| Single Ended | Yes |
| 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. Plug Housing, Single Row, 2 Circuits, UL 94V-0, with Panel Mounting Ears, Natural | 469990657 |
| Mini-Fit Jr. Plug Housing, Single Row, 2 Circuits, UL 94V-0, without Panel Mounting Ears, Natural | 469990658 |