



**Part Number :** [2171590305](#)  
**Product Description :** Mini-Fit Jr.-to-Pigtail Off-the-Shelf (OTS) Cable Assembly, Single Row, 500.00mm Length, 3 Circuits, Black  
**Series Number :** 217159  
**Status :** Active  
**Product Category :** Power and Signal Cable Assemblies



## Documents & Resources

**Drawings**  
[Drawing 2171590305\\_sd.pdf](#)

**Specifications**  
[Product Specification 4000358161-000.pdf](#)

## Product Environment Compliance

### Compliance

|                    |                                                                                       |
|--------------------|---------------------------------------------------------------------------------------|
| GADSL/IMDS         | Not Relevant                                                                          |
| China RoHS         |  |
| EU ELV             | Not Relevant                                                                          |
| Low-Halogen Status | Not Reviewed 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)

## Part Details

### General

|                        |                                                                                                            |
|------------------------|------------------------------------------------------------------------------------------------------------|
| Status                 | Active                                                                                                     |
| Category               | Power and Signal Cable Assemblies                                                                          |
| Series                 | 217159                                                                                                     |
| Description            | Mini-Fit Jr.-to-Pigtail Off-the-Shelf (OTS) Cable Assembly, Single Row, 500.00mm Length, 3 Circuits, Black |
| Application            | Power, Wire-to-Board, 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                   | Overmolded Assembly                                                                                        |
| UPC                    | 193264926251                                                                                               |

### Electrical

|                               |      |
|-------------------------------|------|
| Current - Maximum per Contact | 6.0A |
|-------------------------------|------|

### Physical

|                                |                |
|--------------------------------|----------------|
| Cable Length                   | 500.00mm       |
| Circuits (Loaded)              | 3              |
| Circuits (maximum)             | 3              |
| Color - Resin                  | Black          |
| Gender                         | Female-Pigtail |
| Lock to Mating Part            | Yes            |
| Material - Metal               | Brass          |
| Material - Plating Mating      | Tin            |
| Material - Plating Termination | Tin            |
| Material - Resin               | Nylon          |
| Net Weight                     | 50.361/g       |
| Number of Rows                 | 1              |
| Overmolded                     | Yes            |

|                             |                      |
|-----------------------------|----------------------|
| Packaging Type              | Bag                  |
| Pitch - Mating Interface    | 4.20mm               |
| Plating min - Mating        | 0.889µm              |
| Single Ended                | Yes                  |
| Termination Interface Style | Crimp or Compression |
| Wire/Cable Type             | UL 2464              |
| 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. Plug Housing, Single Row, 2 Circuits, UL 94V-0, with Panel Mounting Ears, Natural    | <u>469990657</u> |
| Mini-Fit Jr. Plug Housing, Single Row, 2 Circuits, UL 94V-0, without Panel Mounting Ears, Natural | <u>469990658</u> |