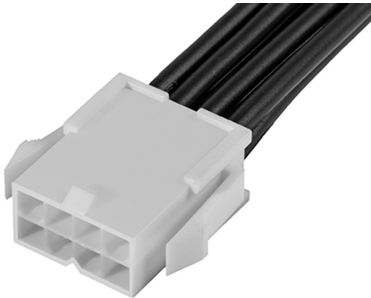




**Part Number :** [2153282083](#)  
**Product Description :** Mini-Fit Jr. Male-to-Pigtail Off-the-Shelf (OTS) Cable Assembly, Dual Row, 600.00mm Length, Gold (Au) Plating, 8 Circuits, Black  
**Series Number :** 215328  
**Status :** Active  
**Product Category :** Power and Signal Cable Assemblies



## Documents & Resources

**Drawings**  
[2153282083\\_sd.pdf](#)

**3D Models and Design Files**  
[2153282083\\_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         | Contains Melamine per D(2024)6225-DC (07 Nov 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

## 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, 600.00mm Length, Gold (Au) Plating, 8 Circuits, Black |
| Application            | Power, 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                    | 193264590803                                                                                                                     |

### Electrical

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

### Physical

|                                |              |
|--------------------------------|--------------|
| Cable Length                   | 600.00mm     |
| Circuits (Loaded)              | 8            |
| Circuits (maximum)             | 8            |
| Color - Resin                  | Black        |
| Gender                         | Male-Pigtail |
| Lock to Mating Part            | Yes          |
| Material - Metal               | Brass        |
| Material - Plating Mating      | Gold         |
| Material - Plating Termination | Tin          |
| Material - Resin               | Nylon        |
| Net Weight                     | 108.761/g    |
| Number of Rows                 | 2            |

|                             |                      |
|-----------------------------|----------------------|
| Overmolded                  | No                   |
| Packaging Type              | Bag                  |
| Pitch - Mating Interface    | 4.20mm               |
| Plating min - Mating        | 0.762µm              |
| Plating min - Termination   | 2.032µm              |
| 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> |