



**Part Number :** [2171590505](#)

**Product Description :** Mini-Fit Jr. Female-to-Pigtail Off-the-Shelf (OTS) Overmolded Cable Assembly, Single Row, 500.00mm Length, 5 Circuits, Black

**Series Number :** 217159

**Status :** Active

**Product Category :** Power and Signal Cable Assemblies

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## Documents and Resources

### Drawings

[2171590505 sd.pdf](#)


### Specifications

[4000358161-000.pdf](#)

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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 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

### 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	217159
Description	Mini-Fit Jr. Female-to-Pigtail Off-the-Shelf (OTS) Overmolded Cable Assembly, Single Row, 500.00mm Length, 5 Circuits, Black
Application	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	Overmolded Assembly
UPC	193264926350

### Electrical

Current - Maximum per Contact	6.0A
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### Physical

Cable Length	500.00mm
Circuits (Loaded)	5
Circuits (maximum)	5
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	74.556/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 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	<a href="#"><u>469990657</u></a>
Mini-Fit Jr. Plug Housing, Single Row, 2 Circuits, UL 94V-0, without Panel Mounting Ears, Natural	<a href="#"><u>469990658</u></a>

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