



**Part Number :** [2153252101](#)  
**Product Description :** Mini-Fit Jr. Female-to-Mini-Fit Jr. Female Off-the-Shelf (OTS) Cable Assembly, Dual Row, 150.00mm Length, Gold (Au) Plating, 10 Circuits, Black  
**Series Number :** 215325  
**Status :** Active  
**Product Category :** Power and Signal Cable Assemblies

Documents & Resources

Drawings

[2153252101\\_sd.pdf](#)

3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

Product Environment Compliance

Compliance

|                    |                                                                                                              |
|--------------------|--------------------------------------------------------------------------------------------------------------|
| GADSL/IMDS         | Not Relevant                                                                                                 |
| China RoHS         | <br>per SJ/T 11365-2006 |
| EU ELV             | Not Relevant                                                                                                 |
| Low-Halogen Status | Not Low-Halogen per IEC 61249-2-21                                                                           |
| REACH SVHC         | Contains Melamine 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                 | 215325                                                                                                                                          |
| Description            | Mini-Fit Jr. Female-to-Mini-Fit Jr. Female Off-the-Shelf (OTS) Cable Assembly, Dual Row, 150.00mm Length, Gold (Au) Plating, 10 Circuits, Black |
| Application            | Power, Wire-to-Board, Wire-to-Wire                                                                                                              |
| Assembly Configuration | Dual Ended Connectors                                                                                                                           |
| Connector to Connector | Mini-Fit Jr. Both Ends                                                                                                                          |
| Product Name           | Mini-Fit Jr.                                                                                                                                    |
| Type                   | Discrete Wire Assembly                                                                                                                          |
| UPC                    | 193264589913                                                                                                                                    |

### Electrical

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

### Physical

|                    |          |
|--------------------|----------|
| Cable Length       | 150.00mm |
| Circuits (Loaded)  | 10       |
| Circuits (maximum) | 10       |
| Color - Resin      | Black    |

|                                |                      |
|--------------------------------|----------------------|
| Gender                         | Female-Female        |
| Lock to Mating Part            | Yes                  |
| Material - Metal               | Brass                |
| Material - Plating Mating      | Gold                 |
| Material - Plating Termination | Tin                  |
| Material - Resin               | Nylon                |
| Net Weight                     | 43.087/g             |
| Number of Rows                 | 2                    |
| Overmolded                     | No                   |
| Packaging Type                 | Bag                  |
| Pitch - Mating Interface       | 4.20mm               |
| Plating min - Mating           | 0.762µm              |
| Plating min - Termination      | 0.762µm              |
| Single Ended                   | No                   |
| Termination Interface Style    | Crimp or Compression |
| Wire/Cable Type                | UL 1015              |
| Wire Size (AWG)                | 16                   |

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## Mates With / Use With

### Mates with Part(s)

| Description                               | Part Number                  |
|-------------------------------------------|------------------------------|
| Mini-Fit BMI Right-Angle Dual Row Headers | <a href="#"><u>42404</u></a> |
| Mini-Fit BMI Vertical Dual Row Headers    | <a href="#"><u>42440</u></a> |
| Mini-Fit BMI Right-Angle Dual Row Headers | <a href="#"><u>43810</u></a> |
| Mini-Fit BMI Vertical Dual Row Headers    | <a href="#"><u>44068</u></a> |
| Mini-Fit Jr. Dual Row Test Plugs          | <a href="#"><u>44281</u></a> |
| Mini-Fit Jr. Plug Housings                | <a href="#"><u>5559</u></a>  |
| Mini-Fit Jr. Vertical Headers             | <a href="#"><u>5566</u></a>  |
| Mini-Fit Jr. Right-Angle Headers          | <a href="#"><u>5569</u></a>  |
| Mini-Fit Jr. Dual Row Headers             | <a href="#"><u>87427</u></a> |

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