



**Part Number :** [2147700210](#)

**Product Description :** Micro-Fit 3.0 Female-to-Micro-Fit 3.0 Female Off-the-Shelf (OTS) Cable Assembly, Single Row, 1.0m Length, Tin (Sn) Plating, 2 Circuits, Black

**Series Number :** 214770

**Status :** Active

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



## Documents & Resources

### Drawings

[2147700210 sd.pdf](#)

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

### Specifications

[4000356554-000.pdf](#)

## 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         | 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                 | 214770                                                                                                                                        |
| Description            | Micro-Fit 3.0 Female-to-Micro-Fit 3.0 Female Off-the-Shelf (OTS) Cable Assembly, Single Row, 1.0m Length, Tin (Sn) Plating, 2 Circuits, Black |
| Application            | Power, Wire-to-Board, Wire-to-Wire                                                                                                            |
| Assembly Configuration | Dual Ended Connectors                                                                                                                         |
| Connector to Connector | Micro-Fit 3.0 Both Ends                                                                                                                       |
| Product Name           | Micro-Fit 3.0                                                                                                                                 |
| Type                   | Overmolded Assembly                                                                                                                           |
| UPC                    | 193264653447                                                                                                                                  |

### Electrical

|                               |      |
|-------------------------------|------|
| Current - Maximum per Contact | 8.5A |
|-------------------------------|------|

### Physical

|                    |       |
|--------------------|-------|
| Cable Length       | 1.0m  |
| Circuits (Loaded)  | 2     |
| Circuits (maximum) | 2     |
| Color - Resin      | Black |

|                             |                      |
|-----------------------------|----------------------|
| Gender                      | Female-Female        |
| Lock to Mating Part         | Yes                  |
| Material - Metal            | Phosphor Bronze      |
| Material - Plating Mating   | Tin                  |
| Material - Resin            | Nylon                |
| Net Weight                  | 46.961/g             |
| Number of Rows              | 1                    |
| Overmolded                  | Yes                  |
| Pitch - Mating Interface    | 3.00mm               |
| Plating min - Mating        | 1.016µm              |
| Single Ended                | No                   |
| Termination Interface Style | Crimp or Compression |
| Wire/Cable Type             | UL 2464              |
| Wire Size (AWG)             | 20                   |

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## Mates With / Use With

### Mates with Part(s)

| Description                                                                   | Part Number                   |
|-------------------------------------------------------------------------------|-------------------------------|
| Micro-Fit 3.0 Single Row Plug Housings                                        | <u><a href="#">43640</a></u>  |
| Micro-Fit TPA Single Row Plug Housings                                        | <u><a href="#">200875</a></u> |
| Micro-Fit 3.0 Single Row Headers                                              | <u><a href="#">43650</a></u>  |
| Micro-Fit 3.0 Male-to-Micro-Fit 3.0 Male Off-the-Shelf (OTS) Cable Assemblies | <u><a href="#">214752</a></u> |
| Micro-Fit 3.0 Male-to-Pigtail Off-the-Shelf (OTS) Cable Assemblies            | <u><a href="#">214753</a></u> |