

**Part Number :** [2164001063](#)

**Product Description :** Mega-Fit Female-to-Mega-Fit Female Off-the-Shelf (OTS) Cable Assembly, Single Row, 600.00mm Length, Tin Plated, 6 Circuits, Black

**Series Number :** 216400

**Status :** Active

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



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## Documents and Resources

### Drawings

[2164001063 sd.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)


[SOLIDWORKS](#)

[Creo](#)

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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 Low-Halogen per IEC 61249-2-21  |
| REACH SVHC         | Contains 1,1'-(Ethane-1,2-diyl)bis[pentabromobenzene] per D(2025)7771-DC (04 Feb 2026)                  |
| 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                 | 216400  |
| Description            | Mega-Fit Female-to-Mega-Fit Female Off-the-Shelf (OTS) Cable Assembly, Single Row, 600.00mm Length, Tin Plated, 6 Circuits, Black |
| Application            | Power, Wire-to-Board, Wire-to-Wire  |
| Assembly Configuration | Dual Ended Connectors   |
| Connector to Connector | Mega-Fit-to-Mega-Fit  |
| Product Name           | Mega-Fit  |
| Type                   | Discrete Wire Assembly, High-Power Assembly   |
| UPC                    | 193264736003  |

### Electrical

|                               |                  |
|-------------------------------|------------------|
| Current - Maximum per Contact | 25.0A            |
| Voltage - Maximum             | 600V AC (RMS)/DC |

### Physical

|                   |          |
|-------------------|----------|
| Cable Length      | 600.00mm |
| Circuits (Loaded) | 6        |

|                                |                          |
|--------------------------------|--------------------------|
| Circuits (maximum)             | 6                        |
| Color - Resin                  | Black                    |
| Gender                         | Female-Female            |
| Lock to Mating Part            | Yes                      |
| Material - Metal               | High Conductivity Copper |
| Material - Plating Mating      | Tin                      |
| Material - Plating Termination | Tin                      |
| Material - Resin               | Nylon                    |
| Net Weight                     | 170.653/g                |
| Number of Rows                 | 1                        |
| Overmolded                     | No                       |
| Packaging Type                 | Bag                      |
| Pitch - Mating Interface       | 5.70mm                   |
| Single Ended                   | No                       |
| Termination Interface Style    | Crimp or Compression     |
| Wire/Cable Type                | UL 1015                  |
| Wire Size (AWG)                | 12                       |

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## Mates With / Use With

### Mates with Part(s)

| Description                       | Part Number                   |
|-----------------------------------|-------------------------------|
| Mega-Fit Single Row Headers       | <u><a href="#">200241</a></u> |
| Mega-Fit Single Row Plug Housings | <u><a href="#">213814</a></u> |
| Mega-Fit Single Row Plug Housings | <u><a href="#">213815</a></u> |

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This document was generated on Apr 29, 2026