



Part Number : [2164001033](#)

Product Description : Mega-Fit Female-to-Mega-Fit Female Off-the-Shelf (OTS) Cable Assembly, Single Row, 600.00mm Length, Tin Plated, 3 Circuits, Black

Series Number : 216400

Status : Active

Product Category : Power and Signal Cable Assemblies

Documents and Resources

Drawings

[2164001033 sd.pdf](#)

3D Models and Design Files


[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

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

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, 3 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 | 193264723461 |

Electrical

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

Physical

| | |
|-------------------|----------|
| Cable Length | 600.00mm |
| Circuits (Loaded) | 3 |

| | |
|--------------------------------|--------------------------|
| Circuits (maximum) | 3 |
| 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 | 83.366/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 |

Mates With / Use With

Mates with Part(s)

| Description | Part Number |
|-----------------------------------|-------------------------------|
| Mega-Fit Single Row Headers | <u>200241</u> |
| Mega-Fit Single Row Plug Housings | <u>213814</u> |
| Mega-Fit Single Row Plug Housings | <u>213815</u> |

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