

**Part Number :** [2164001062](#)

**Product Description :** Mega-Fit Female-to-Mega-Fit Female Off-the-Shelf (OTS) Cable Assembly, Single Row, 300.00mm 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

[2164001062 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, 300.00mm 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	193264735990

### Electrical

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

### Physical

Cable Length	300.00mm
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	96.545/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>200241</u>
Mega-Fit Single Row Plug Housings	<u>213814</u>
Mega-Fit Single Row Plug Housings	<u>213815</u>

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