



**Part Number :** [2451360420](#)

**Product Description :** Mega-Fit-to-Mega-Fit Off-the-Shelf (OTS) Overmolded Cable Assembly, Dual Row, 2.0m Length, Gold (Au) Plated, 4 Circuits, Black

**Series Number :** 245136

**Status :** Active

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



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## Documents & Resources

### Drawings

[Drawing 2451360420\\_sd.pdf](#)

[Packaging Design Drawing 2027040011-PK.pdf](#)


### 3D Models and Design Files

[3D Model 2451360420\\_stp.zip](#)

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## Product Environment Compliance

### Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Compliant per 2000/53/EC
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

### [Multiple Part Product Compliance Statements](#)

- Eu RoHS
- REACH SVHC
- Low-Halogen

### [Multiple Part Industry Compliance Documents](#)

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration

- IEC-62474

- chemSHERPA (xml)

EU RoHS Certificate of Compliance

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## Part Details

### General

Status	Active
Category	Power and Signal Cable Assemblies
Series	245136
Description	Mega-Fit-to-Mega-Fit Off-the-Shelf (OTS) Overmolded Cable Assembly, Dual Row, 2.0m Length, Gold (Au) Plated, 4 Circuits, Black
Application	Power, Wire-to-Board
Assembly Configuration	Dual Ended Connectors
Connector to Connector	Mega-Fit-to-Mega-Fit
Product Family	Mega-Fit Power Connectors
Product Name	Mega-Fit
Type	Overmolded Assembly
UPC	889056878197

### Electrical

Current - Maximum per Contact	15.0A
Voltage - Maximum	300V AC

### Physical

Cable Length	2.0m
Circuits (Loaded)	4
Circuits (maximum)	4
Color - Resin	Black
Gender	Female-Female
Lock to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Matte Tin
Material - Resin	PBT

Net Weight	401.000/g
Number of Rows	2
Overmolded	Yes
Packaging Type	Bag
Pitch - Mating Interface	5.70mm
Plating min - Mating	0.381µm
Plating min - Termination	0.381µm
Single Ended	No
Termination Interface Style	Crimp or Compression
Wire/Cable Type	UL 2464
Wire Insulation Diameter	10.30mm
Wire Size (AWG)	12

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## Mates With / Use With

### Mates with Part(s)

Description	Part Number
Mega-Fit Right-Angle, Dual Row, Through Hole Headers	<u>172064</u>
Mega-Fit Vertical, Dual Row Through Hole Headers	<u>172065</u>