



**Part Number :** [2451360205](#)  
**Product Description :** Mega-Fit-to-Mega-Fit  
Off-the-Shelf (OTS) Overmolded Cable  
Assembly, Dual Row, 0.5m Length, Gold (Au)  
Plated, 2 Circuits, Black  
**Series Number :** 245136  
**Status :** Active  
**Product Category :** Power and Signal Cable  
Assemblies



## Documents & Resources

### Drawings


[Drawing 2451360205\\_sd.pdf](#)  
[Packaging Design Drawing 2027040024-PK.pdf](#)

### 3D Models and Design Files

[3D Model 2451360205\\_stp.zip](#)

## Product Environment Compliance

### Compliance

GADSL/IMDS	Not Relevant
China RoHS	
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

### [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, 0.5m Length, Gold (Au) Plated, 2 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	191128798310

#### Electrical

Current - Maximum per Contact	18.0A
Voltage - Maximum	300V AC

#### Physical

Cable Length	0.50m
Circuits (Loaded)	2
Circuits (maximum)	2
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	67.600/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	8.80mm
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>