



**Part Number :** [451361001](#)  
**Product Description :** Mega-Fit-to-Mega-Fit  
Off-the-Shelf (OTS) Cable Assembly, Dual Row,  
150.00mm Length, Matte Tin Plated, 10  
Circuits, Black  
**Series Number :** 45136  
**Status :** Active  
**Product Category :** Power and Signal Cable  
Assemblies




## Documents & Resources

**Drawings**  
[Drawing 451361001\\_sd.pdf](#)

**3D Models and Design Files**  
[3D Model 451361001\\_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

## Part Details

### General

Status	Active
Category	Power and Signal Cable Assemblies
Series	45136
Description	Mega-Fit-to-Mega-Fit Off-the-Shelf (OTS) Cable Assembly, Dual Row, 150.00mm Length, Matte Tin Plated, 10 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	Discrete Wire Assembly, High-Power Assembly
UPC	191128777919

### Electrical

Current - Maximum per Contact	23.0A
Voltage - Maximum	600V

### Physical

Cable Length	150.00mm
Circuits (Loaded)	10
Circuits (maximum)	10
Color - Resin	Black
Gender	Female-Female
Lock to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Matte Tin
Material - Plating Termination	Matte Tin
Material - Resin	Nylon

Net Weight	89.088/g
Number of Rows	2
Overmolded	No
Packaging Type	Bag
Pitch - Mating Interface	5.70mm
Plating min - Mating	1.524µm
Plating min - Termination	1.524µm
Single Ended	No
Termination Interface Style	Crimp or Compression
Wire/Cable Type	UL 1015
Wire Insulation Diameter	3.90mm
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 Headers	<u>76825</u>
Mega-Fit and Mega-Fit Slim Vertical Dual Row Headers	<u>76829</u>