



**Part Number :** [451360601](#)

**Product Description :** Mega-Fit-to-Mega-Fit Off-the-Shelf (OTS) Cable Assembly, Dual Row, 150.00mm Length, Matte Tin Plated, 6 Circuits, Black

**Series Number :** 45136

**Status :** Active

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



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## Documents & Resources

### Drawings

[451360601\\_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	Not Contained per D(2025)4165-DC (25 June 2025)
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	45136
Description	Mega-Fit-to-Mega-Fit Off-the-Shelf (OTS) Cable Assembly, Dual Row, 150.00mm Length, Matte Tin Plated, 6 Circuits, Black
Application	Power, Wire-to-Board
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	191128777858

### Electrical

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

### Physical

Cable Length	150.00mm
Circuits (Loaded)	6
Circuits (maximum)	6
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	54.530/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 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>