

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** **0451361003**  
**Status:** **Active**  
**Overview:** Mega-Fit Power Connectors  
**Description:** Mega-Fit-to-Mega-Fit Off-the-Shelf (OTS) Cable Assembly, Dual Row, 300.00mm Length, Matte Tin Plated, 10 Circuits, Black

**Documents:**

[Drawing \(PDF\)](#) [Product Literature \(PDF\)](#)  
[RoHS Certificate of Compliance \(PDF\)](#)

**General**

Product Family	Cable Assemblies
Series	<u>45136</u>
Application	Power, Wire-to-Board
Assembly Configuration	Dual Ended Connectors
Connector to Connector	Mega-Fit-to-Mega-Fit
Overmolded	No
Overview	<u>Mega-Fit Power Connectors</u>
Product Literature Order No	987651-6143
Product Name	Mega-Fit
Type	Discrete Wire Assembly, High-Power Assembly
UPC	191128777926

**Physical**

Cable Length	300.00mm
Circuits (Loaded)	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	150.843/g
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 Insulation Diameter	3.90mm
Wire Size AWG	12
Wire/Cable Type	UL 1015

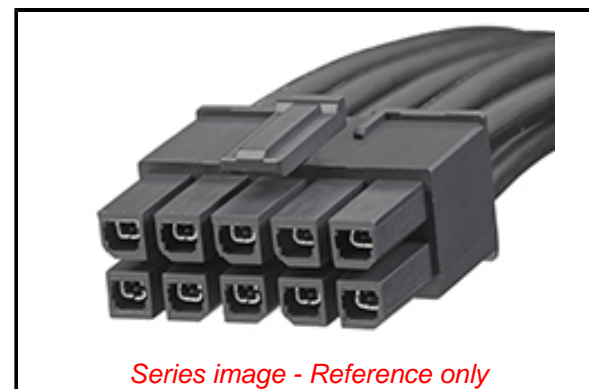
**Electrical**

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

**Material Info**

**Reference - Drawing Numbers**

Sales Drawing	451361001-000
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*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per - ED/71/2019 (16 July 2019)

**Halogen-Free**

**Status**

**Not Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

45136 Series

**Mates With**

Mega-Fit Header 76825 , 76829 , 172064 , 172065