

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

**Part Number:** [0451360603](#)  
**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, 6 Circuits, Black

**Documents:**

<a href="#">3D Model</a>	<a href="#">Datasheet (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">3D Model (PDF)</a>	

**General**

Product Family	Cable Assemblies
Series	<a href="#">45136</a>
Application	Power, Wire-to-Board
Assembly Configuration	Dual Ended Connectors
Connector to Connector	Mega-Fit-to-Mega-Fit
Overmolded	No
Overview	<a href="#">Mega-Fit Power Connectors</a>
Product Name	Mega-Fit
Type	Discrete Wire Assembly, High-Power Assembly
UPC	191128777865

**Physical**

Cable Length	300.00mm
Circuits (Loaded)	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	90.282/g
Number of Rows	2
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

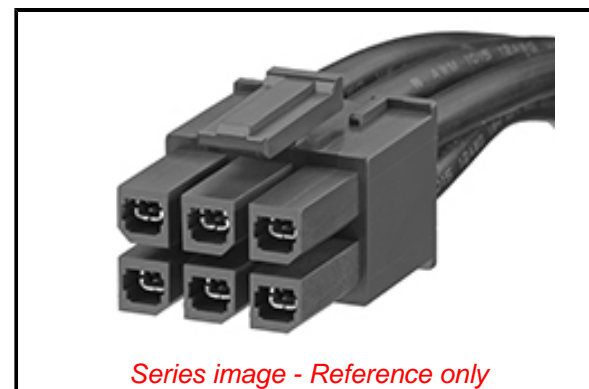
**Electrical**

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

**Material Info**

**Reference - Drawing Numbers**

Sales Drawing	451360601-000
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*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2021)4569-DC (8  
July 2021)

**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](#)

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