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**Part Number:** [2451360610](#)  
**Status:** **Active**  
**Overview:** [Mega-Fit Power Connectors](#)  
**Description:** Mega-Fit-to-Mega-Fit Off-the-Shelf (OTS) Overmolded Cable Assembly, Dual Row, 1.0m Length, Gold (Au) Plated, 6 Circuits, Black

**Documents:**

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Packaging Specification 2027040016-PK \(PDF\)](#) [Product Literature \(PDF\)](#)

**General**

Product Family Cable Assemblies  
Series [245136](#)  
Application Power, Wire-to-Board  
Assembly Configuration Dual Ended Connectors  
Connector to Connector Mega-Fit-to-Mega-Fit  
Overmolded Yes  
Overview [Mega-Fit Power Connectors](#)  
Product Literature Order No 987651-4662  
Product Name Mega-Fit OTS  
UPC 191128798358

**Physical**

Cable Length 1.0m  
Circuits (Loaded) 6  
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 290.100/g  
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 Insulation Diameter 12.00mm  
Wire Size AWG 12  
Wire/Cable Type UL 2464

**Electrical**

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

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification 2027040016-PK  
Sales Drawing 2014400075-000



Series image - Reference only

**EU ELV**

**Compliant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
ED/61/2018 (27 June  
2018)

**Halogen-Free**

**Status**

**Not Low-Halogen**

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

|                 |               |
|-----------------|---------------|
| China ROHS      | Green Image   |
| ELV             | Compliant     |
| RoHS Phthalates | Not Contained |

**Search Parts in this Series**

[245136](#) Series

**Mates With**

Mega-Fit Header [76825](#) , [76829](#) , [172064](#) ,  
[172065](#)