

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

**Part Number:** **0451361010**  
**Status:** **Active**  
**Overview:** Mega-Fit Power Connectors  
**Description:** Mega-Fit-to-Mega-Fit Off-the-Shelf (OTS) Cable Assembly, Dual Row, 1.0m 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                         | 191128777933                                |

**Physical**

|                                |                      |
|--------------------------------|----------------------|
| Cable Length                   | 1.0m                 |
| 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                     | 439.033/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              |

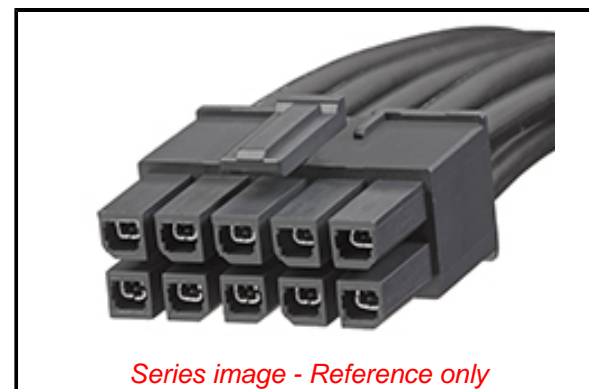
**Electrical**

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

**Material Info**

**Reference - Drawing Numbers**

|               |               |
|---------------|---------------|
| Sales Drawing | 451361001-000 |
|---------------|---------------|



*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