



**Part Number :** [451360801](#)  
**Product Description :** Mega-Fit-to-Mega-Fit Off-the-Shelf (OTS) Cable Assembly, Dual Row, 150.00mm Length, Matte Tin Plated, 8 Circuits, Black  
**Series Number :** 45136  
**Status :** Active  
**Product Category :** Power and Signal Cable Assemblies



## Documents & Resources

### Drawings

[451360801\\_sd.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

## 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(2024)7663-DC (21 Jan 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

---

## 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, 8 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                    | 191128777889                                                                                                            |

### Electrical

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

### Physical

|                    |               |
|--------------------|---------------|
| Cable Length       | 150.00mm      |
| Circuits (Loaded)  | 8             |
| Circuits (maximum) | 8             |
| 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                     | 70.758/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                   |

---

## Mates With / Use With

### Mates with Part(s)

| Description                                          | Part Number                  |
|------------------------------------------------------|------------------------------|
| Mega-Fit Right-Angle Dual Row Headers                | <u><a href="#">76825</a></u> |
| Mega-Fit and Mega-Fit Slim Vertical Dual Row Headers | <u><a href="#">76829</a></u> |