



Part Number : [451360201](#)

Product Description : Mega-Fit-to-Mega-Fit Off-the-Shelf (OTS) Cable Assembly, Dual Row, 150.00mm Length, Matte Tin Plated, 2 Circuits, Black

Series Number : 45136

Status : Active

Product Category : Power and Signal Cable Assemblies



Documents and Resources

Drawings

[451360201_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 | Contains 1,1'-(Ethane-1,2-diyl)bis[pentabromobenzene] per D(2025)7771-DC (04 Feb 2026) |
| 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, 2 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 | 191128777476 |

Electrical

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

Physical

| | |
|--------------------|----------|
| Cable Length | 150.00mm |
| Circuits (Loaded) | 2 |
| Circuits (maximum) | 2 |

| | |
|--------------------------------|----------------------|
| 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 | 19.090/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>76825</u> |
| Mega-Fit and Mega-Fit Slim Vertical Dual Row Headers | <u>76829</u> |

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