



Part Number : 2164011062

**Product Description :** Mega-Fit Female-to-Pigtail Off-the-Shelf (OTS) Cable Assembly, Single Row, 300.00mm Length, Tin Plated, 6 Circuits, Black

Series Number : 216401

**Status :** Active

**Product Category :** Power and Signal Cable Assemblies

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## Documents & Resources

### Drawings

Drawing 2164011062\_sd.pdf


### 3D Models and Design Files

3D Model 2164011062\_stp.zip

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## Product Environment Compliance

### Compliance

|                    |   |
|--------------------|---|
| GADSL/IMDS         | Not Relevant  |
| China RoHS         |  |
| EU ELV             | Not Relevant  |
| Low-Halogen Status | Not Low-Halogen per IEC 61249-2-21  |
| REACH SVHC         | Not Contained per D(2023)8585-DC (23 Jan 2024)  |
| EU RoHS            | Compliant per EU 2015/863   |

### Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

### Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

## Part Details

### General

|                        |   |
|------------------------|---|
| Status                 | Active  |
| Category               | Power and Signal Cable Assemblies   |
| Series                 | 216401  |
| Description            | Mega-Fit Female-to-Pigtail Off-the-Shelf (OTS) Cable Assembly, Single Row, 300.00mm Length, Tin Plated, 6 Circuits, Black |
| Application            | Power, Wire-to-Board, Wire-to-Wire  |
| Assembly Configuration | Single Ended Connector  |
| Connector to Connector | Mega-Fit-to-Pigtail   |
| Product Family         | Mega-Fit Power Connectors   |
| Product Name           | Mega-Fit  |
| Type                   | Discrete Wire Assembly, High-Power Assembly   |
| UPC                    | 193264736027  |

### Electrical

|                               |                  |
|-------------------------------|------------------|
| Current - Maximum per Contact | 25.0A            |
| Voltage - Maximum             | 600V AC (RMS)/DC |

### Physical

|                                |                          |
|--------------------------------|--------------------------|
| Cable Length                   | 300.00mm                 |
| Circuits (Loaded)              | 6                        |
| Circuits (maximum)             | 6                        |
| Color - Resin                  | Black                    |
| Gender                         | Female-Pigtail           |
| Lock to Mating Part            | Yes                      |
| Material - Metal               | High Conductivity Copper |
| Material - Plating Mating      | Tin                      |
| Material - Plating Termination | Tin                      |
| Material - Resin               | Nylon                    |
| Net Weight                     | 88.277/g                 |

|                             |                      |
|-----------------------------|----------------------|
| Number of Rows              | 1                    |
| Overmolded                  | No                   |
| Packaging Type              | Bag                  |
| Pitch - Mating Interface    | 5.70mm               |
| Single Ended                | Yes                  |
| Termination Interface Style | Crimp or Compression |
| Wire/Cable Type             | UL 1015              |
| Wire Insulation Diameter    | 4.06mm max.          |
| Wire Size (AWG)             | 12                   |

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## Mates With / Use With

### Mates with Part(s)

| Description                       | Part Number   |
|-----------------------------------|---------------|
| Mega-Fit Single Row Headers       | <u>200241</u> |
| Mega-Fit Single Row Plug Housings | <u>213814</u> |
| Mega-Fit Single Row Plug Housings | <u>213815</u> |