



Part Number : [2164011042](#)
Product Description : Mega-Fit Female-to-Pigtail Off-the-Shelf (OTS) Cable Assembly, Single Row, 300.00mm Length, Tin Plated, 4 Circuits, Black
Series Number : 216401
Status : Active
Product Category : Power and Signal Cable Assemblies



Documents & Resources

- Drawings**
[Drawing 2164011042_sd.pdf](#)
- 3D Models and Design Files**
[3D Model 2164011042_stp.zip](#)

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(2024)4144-DC (27 June 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

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, 4 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	193264723874

Electrical

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

Physical

Cable Length	300.00mm
Circuits (Loaded)	4
Circuits (maximum)	4
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	57.374/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

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>