molex



Part Number : 2164001042
Product Description : Mega-Fit Female-to-Mega-Fit Female Off-the-Shelf (OTS) Cable Assembly, Single Row, 300.00mm Length, Tin Plated, 4 Circuits, Black
Series Number : 216400
Status : Active
Product Category : Power and Signal Cable Assemblies

Documents & Resources

Drawings

2164001042_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	216400
Description	Mega-Fit Female-to-Mega-Fit Female 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	Dual Ended Connectors
Connector to Connector	Mega-Fit-to-Mega-Fit
Product Name	Mega-Fit
Type	Discrete Wire Assembly, High-Power Assembly
UPC	193264723485

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-Female

Lock to Mating Part	Yes
Material - Metal	High Conductivity Copper
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Nylon
Net Weight	61.411/g
Number of Rows	1
Overmolded	No
Packaging Type	Bag
Pitch - Mating Interface	5.70mm
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 Single Row Headers	200241
Mega-Fit Single Row Plug Housings	213814
Mega-Fit Single Row Plug Housings	213815