Part Number : 451360603
Product Description : Mega-Fit-to-Mega-Fit Off-the-Shelf (OTS) Cable Assembly, Dual Row, 300.00mm Length, Matte Tin Plated, 6 Circuits, Black
Series Number : 45136
Status : Active
Product Category : Power and Signal Cable Assemblies



Documents & Resources

Drawings

451360603_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(2025)4165-DC (25 June 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, 300.00mm Length, Matte Tin Plated, 6 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	191128777865

Electrical

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

Physical

Cable Length	300.00mm
Circuits (Loaded)	6
Circuits (maximum)	6
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	90.282/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	76825
Mega-Fit and Mega-Fit Slim Vertical Dual Row Headers	76829