



Part Number : [2451360810](#)
Product Description : Mega-Fit-to-Mega-Fit
Off-the-Shelf (OTS) Overmolded Cable
Assembly, Dual Row, 1.0m Length, Gold (Au)
Plated, 8 Circuits, Black
Series Number : 245136
Status : Active
Product Category : Power and Signal Cable
Assemblies




Documents & Resources

Drawings
[Drawing 2451360810_sd.pdf](#)
[Packaging Design Drawing 2027040019-PK.pdf](#)

3D Models and Design Files
[3D Model 2451360810_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(2020)9139-DC (19 Jan 2021)
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)

EU RoHS Certificate of Compliance

Part Details

General

Status	Active
Category	Power and Signal Cable Assemblies
Series	245136
Description	Mega-Fit-to-Mega-Fit Off-the-Shelf (OTS) Overmolded Cable Assembly, Dual Row, 1.0m Length, Gold (Au) Plated, 8 Circuits, Black
Application	Power, Wire-to-Board
Assembly Configuration	Dual Ended Connectors
Connector to Connector	Mega-Fit-to-Mega-Fit
Product Family	Mega-Fit Power Connectors
Product Name	Mega-Fit
Type	Overmolded Assembly
UPC	191128799034

Electrical

Current - Maximum per Contact	11.0A
Voltage - Maximum	300V AC

Physical

Cable Length	1.0m
Circuits (Loaded)	8
Circuits (maximum)	8
Color - Resin	Black
Gender	Female-Female
Lock to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Matte Tin
Material - Resin	PBT

Net Weight	369.100/g
Number of Rows	2
Overmolded	Yes
Packaging Type	Bag
Pitch - Mating Interface	5.70mm
Plating min - Mating	0.381µm
Plating min - Termination	0.381µm
Single Ended	No
Termination Interface Style	Crimp or Compression
Wire/Cable Type	UL 2464
Wire Insulation Diameter	13.00mm
Wire Size (AWG)	12

Mates With / Use With

Mates with Part(s)

Description	Part Number
Mega-Fit Right-Angle, Dual Row, Through Hole Headers	<u>172064</u>
Mega-Fit Vertical, Dual Row Through Hole Headers	<u>172065</u>

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