



Part Number : 1451320703

Product Description : Micro-Fit TPA-to-Micro-Fit TPA Off-the-Shelf (OTS) Cable Assembly, Single Row, 300.00mm Length, 7 Circuits, Black

Series Number : 145132

Status : Active

Product Category : Power and Signal Cable Assemblies

Documents & Resources

Drawings


Drawing 1451320703_sd.pdf

3D Models and Design Files

3D Model 1451320703_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
- chemSHERPA (xml)

Part Details

General

Status	Active
Category	Power and Signal Cable Assemblies
Series	145132
Description	Micro-Fit TPA-to-Micro-Fit TPA Off-the-Shelf (OTS) Cable Assembly, Single Row, 300.00mm Length, 7 Circuits, Black
Application	Power, Wire-to-Board, Wire-to-Wire
Assembly Configuration	Dual Ended Connectors
Connector to Connector	Micro-Fit TPA Both Ends
Product Family	Micro-Fit Connector System
Product Name	Micro-Fit TPA
Type	Discrete Wire Assembly
UPC	191130115778

Electrical

Current - Maximum per Contact	8.5A
Voltage - Maximum	300V AC/DC

Physical

Cable Length	300.00mm
Circuits (Loaded)	7
Circuits (maximum)	7
Color - Resin	Black
Gender	Female-Female
Lock to Mating Part	Yes
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Nylon
Net Weight	17.475/g
Number of Rows	1

Overmolded	No
Packaging Type	Bag
Pitch - Mating Interface	3.00mm
Plating min - Mating	1.016µm
Plating min - Termination	1.016µm
Single Ended	No
Termination Interface Style	Crimp or Compression
Wire/Cable Type	UL 1061
Wire Insulation Diameter	1.85mm
Wire Size (AWG)	20

Mates With / Use With

Mates with Part(s)

Description	Part Number
Micro-Fit 3.0 Single Row Plug Housings	<u>43640</u>
Micro-Fit TPA Single Row Plug Housings	<u>200875</u>
Micro-Fit 3.0 Single Row Headers	<u>43650</u>

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