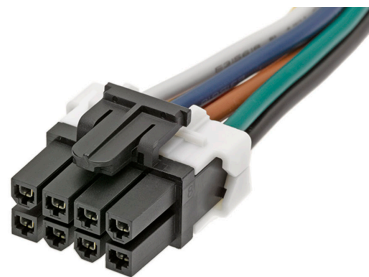




**Part Number :** [451350803](#)  
**Product Description :** Mini-Fit TPA2-to-Mini-Fit TPA2 Off-the-Shelf (OTS) Cable Assembly, Dual Row, 300.00mm Length, 8 Circuits, Black  
**Series Number :** 45135  
**Status :** Active  
**Product Category :** Power and Signal Cable Assemblies




## Documents & Resources

**Drawings**  
[451350803\\_sd.pdf](#)

## 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(2022)4187-DC (10 June 2022)
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	45135
Description	Mini-Fit TPA2-to-Mini-Fit TPA2 Off-the-Shelf (OTS) Cable Assembly, Dual Row, 300.00mm Length, 8 Circuits, Black
Application	Power, Wire-to-Board, Wire-to-Wire
Assembly Configuration	Dual Ended Connectors
Connector to Connector	Mini-Fit TPA2 Both Ends
Product Name	Mini-Fit TPA2
Type	Discrete Wire Assembly
UPC	889056743563

### Electrical

Current - Maximum per Contact	7.0A
Voltage - Maximum	300V

### Physical

Cable Length	300.00mm
Circuits (Loaded)	8
Circuits (maximum)	8
Color - Resin	Black
Gender	Female-Female
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Nylon
Net Weight	50.960/g
Number of Rows	2
Overmolded	No
Packaging Type	Bag

Pitch - Mating Interface	4.20mm
Plating min - Mating	0.889µm
Plating min - Termination	0.889µm
Single Ended	No
Termination Interface Style	Crimp or Compression
Wire/Cable Type	UL 1007
Wire Insulation Diameter	2.35mm
Wire Size (AWG)	16

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## Mates With / Use With

### Mates with Part(s)

Description	Part Number
Mini-Fit Jr. Vertical Headers	<u>5566</u>
Mini-Fit Jr. Right-Angle Headers	<u>5569</u>
Mini-Fit Jr. Plug Housings	<u>5559</u>

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