



**Part Number :** [2240851023](#)

**Product Description :** Mini-Fit Max-to-Mini-Fit Max Off-the-Shelf (OTS) Cable Assembly, Tin (Sn) Plating, 2 Circuits, 300.00mm Length, 2.5mm<sup>2</sup> Wire, Black

**Series Number :** 224085

**Status :** Active

**Product Category :** Power and Signal Cable Assemblies



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## Documents & Resources


### Drawings

[Drawing 2240851023\\_sd.pdf](#)

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## 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(2023)3788-DC (14 Jun 2023)
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

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## Part Details

### General

Status	Active
Category	Power and Signal Cable Assemblies
Series	224085
Description	Mini-Fit Max-to-Mini-Fit Max Off-the-Shelf (OTS) Cable Assembly, Tin (Sn) Plating, 2 Circuits, 300.00mm Length, 2.5mm <sup>2</sup> Wire, Black
Application	Power, Wire-to-Board
Assembly Configuration	Dual Ended Connectors
Connector to Connector	Mini-Fit Max-to-Mini-Fit Max
Product Family	Mini-Fit Family Power Connectors
Product Name	Mini-Fit Max
Type	Discrete Wire Assembly
UPC	196823396854

### Electrical

Current - Maximum per Contact	20A
Voltage - Maximum	600V AC (RMS)

### Physical

Cable Length	300.00mm
Circuits (Loaded)	2
Circuits (maximum)	2
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	17.970/g
Number of Rows	2
Overmolded	No

Packaging Type	Bag
Pitch - Mating Interface	4.20mm
Plating min - Mating	1.020µm
Plating min - Termination	2.540µm
Single Ended	No
Termination Interface Style	Crimp or Compression
Wire/Cable Type	UL 11028
Wire Insulation Diameter	2.65mm
Wire Size (AWG)	14

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## Mates With / Use With

### Mates with Part(s)

Description	Part Number
	<u>212520</u>