



**Part Number :** [2240851083](#)  
**Product Description :** Mini-Fit Max-to-Mini-Fit  
Max Off-the-Shelf (OTS) Cable Assembly, Dual  
Row, Tin (Sn) Plating, 8 Circuits, 300.00mm  
Length, Black  
**Series Number :** 224085  
**Status :** Active  
**Product Category :** Power and Signal Cable  
Assemblies



## Documents & Resources

**Drawings**  
[2240851083\\_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(2024)6225-DC (07 Nov 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)

### 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, Dual Row, Tin (Sn) Plating, 8 Circuits, 300.00mm Length, Black |
| Application            | Power, Wire-to-Board                                                                                                            |
| Assembly Configuration | Dual Ended Connectors                                                                                                           |
| Connector to Connector | Mini-Fit Max-to-Mini-Fit Max                                                                                                    |
| Product Name           | Mini-Fit Max                                                                                                                    |
| Type                   | Discrete Wire Assembly                                                                                                          |
| UPC                    | 196823397103                                                                                                                    |

### Electrical

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

### Physical

|                                |                          |
|--------------------------------|--------------------------|
| Cable Length                   | 300.00mm                 |
| Circuits (Loaded)              | 8                        |
| Circuits (maximum)             | 8                        |
| 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                     | 68.063/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   |
| Mini-Fit Max Vertical Dual Row Headers | <u>212520</u> |