



**Part Number :** [2240851063](#)

**Product Description :** Mini-Fit Max-to-Mini-Fit Max  
Off-the-Shelf (OTS) Cable Assembly, Dual Row, Tin (Sn)  
Plating, 6 Circuits, 300.00mm Length, Black

**Series Number :** 224085

**Status :** Active

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



## Documents & Resources

### Drawings

[2240851063 sd.pdf](#)

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

## Product Environment Compliance

### Compliance

|                    |                                                                                                              |
|--------------------|--------------------------------------------------------------------------------------------------------------|
| GADSL/IMDS         | Not Relevant                                                                                                 |
| China RoHS         | <br>per SJ/T 11365-2006 |
| EU ELV             | Not Relevant                                                                                                 |
| Low-Halogen Status | Not Low-Halogen per IEC<br>61249-2-21                                                                        |
| REACH SVHC         | Not Contained per D(2024)6225-DC<br>(07 Nov 2024)                                                            |
| EU RoHS            | Compliant per EU 2015/863                                                                                    |

### Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

### Industry Documents

- IPC 1752A Class C

- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

#### Substances of Interest

- PFAS

#### EU RoHS Certificate of Compliance

#### Additional Product Compliance Information

## 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, 6 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                    | 196823397059                                                                                                                    |

### Electrical

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

### Physical

|                     |               |
|---------------------|---------------|
| Cable Length        | 300.00mm      |
| Circuits (Loaded)   | 6             |
| Circuits (maximum)  | 6             |
| 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                     | 51.312/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 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> |

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