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



## Documents and Resources

### Drawings

2240851083_sd.pdf

STEP AP242

SOLIDWORKS

Creo

## Product Environment Compliance

### Compliance

| | |
|---|---|
| GADSL/IMDS | Not Relevant |
| China RoHS | per SJ/T 11365-2006 |
| EU ELV | Not Relevant |
| Low-Halogen Status | Not Low-Halogen per IEC 61249-2-21 |
| REACH SVHC | Contains 1,1'-(Ethane-1,2-diyl)bis[pentabromobenzene] per D(2025)7771-DC (04 Feb 2026) |
| EU RoHS | Compliant per EU 2015/863 |

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

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- 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

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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, Matte 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)/DC |

### Physical

| | |
|---|---|
| Cable Length | 300.00mm |
| Circuits (Loaded) | 8 |
| Circuits (maximum) | 8 |
| Color - Resin | Black |

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| | |
|---|---|
| Gender | Female-Female |
| Lock to Mating Part | Yes |
| Material - Metal | High Conductivity Copper Alloy |
| Material - Plating Mating | Matte Tin |
| Material - Plating Termination | Matte 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 | 1.020µm |
| Single Ended | No |
| Termination Interface Style | Crimp or Compression |
| Wire/Cable Type | UL 11028 |
| Wire Size (AWG) | 14 |

## Mates With / Use With

### Mates with Part(s)

| Description | Part Number |
|---|---|
| Mini-Fit Max Vertical Dual Row Headers | 212520 |
| Mini-Fit Max Right-Angle Dual Row Through Hole Headers | 220603 |
| Mini-Fit Max Vertical Dual Row Headers | 224494 |
| Mini-Fit Max Right-Angle Dual Row Headers | 224903 |



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