



**Part Number :** [2185091101](#)

**Product Description :** Milli-Grid-to-Milli-Grid Off-the-Shelf (OTS) Cable Assembly, 2.00mm Pitch, Dual Row, 100.00mm Length, 10 Circuits, Black

**Series Number :** 218509

**Status :** Active

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



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## Documents & Resources


### Drawings

[Drawing 2185091101\\_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(2024)4144-DC (27 June 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                 | 218509                                                                                                                   |
| Description            | Milli-Grid-to-Milli-Grid Off-the-Shelf (OTS) Cable Assembly, 2.00mm Pitch, Dual Row, 100.00mm Length, 10 Circuits, Black |
| Assembly Configuration | Dual Ended Connectors                                                                                                    |
| Connector to Connector | N/A                                                                                                                      |
| Product Family         | Milli-Grid Connector System                                                                                              |
| Product Name           | Milli-Grid                                                                                                               |
| Type                   | Discrete Wire Assembly                                                                                                   |
| UPC                    | 195842350861                                                                                                             |

### Electrical

|                               |                  |
|-------------------------------|------------------|
| Current - Maximum per Contact | 2.0A             |
| Voltage - Maximum             | 125V AC (RMS)/DC |

### Physical

|                           |               |
|---------------------------|---------------|
| Cable Length              | 100.00mm      |
| Circuits (Loaded)         | 10            |
| Circuits (maximum)        | 10            |
| Color - Resin             | Black         |
| Gender                    | Female-Female |
| Lock to Mating Part       | Yes           |
| Material - Metal          | Copper Alloy  |
| Material - Plating Mating | Matte Tin     |
| Material - Resin          | Polyester     |
| Net Weight                | 3.443/g       |
| Number of Rows            | 2             |
| Packaging Type            | Bag           |
| Pitch - Mating Interface  | 2.00mm        |
| Single Ended              | No            |

|                             |                      |
|-----------------------------|----------------------|
| Termination Interface Style | Crimp or Compression |
| Wire/Cable Type             | UL 10002             |
| Wire Insulation Diameter    | 1.40mm max.          |
| Wire Size (AWG)             | 24                   |

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