



**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



## Documents and Resources

### Drawings

[2185091101 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         | Not Contained 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

- 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                 | 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 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                  | 3.950/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 Size (AWG)             | 24                   |

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