



**Part Number :** [2185101103](#)  
**Product Description :** Milli-Grid-to-Pigtail Off-the-Shelf (OTS) Cable Assembly, 2.00mm Pitch, Dual Row, 300.00mm Length, 10 Circuits, Black  
**Series Number :** 218510  
**Status :** Active  
**Product Category :** Power and Signal Cable Assemblies



Documents & Resources

Drawings  
[2185101103\\_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

---

## Part Details

### General

|                        |                                                                                                                       |
|------------------------|-----------------------------------------------------------------------------------------------------------------------|
| Status                 | Active                                                                                                                |
| Category               | Power and Signal Cable Assemblies                                                                                     |
| Series                 | 218510                                                                                                                |
| Description            | Milli-Grid-to-Pigtail Off-the-Shelf (OTS) Cable Assembly, 2.00mm Pitch, Dual Row, 300.00mm Length, 10 Circuits, Black |
| Assembly Configuration | Single Ended Connector                                                                                                |
| Connector to Connector | N/A                                                                                                                   |
| Product Name           | Milli-Grid                                                                                                            |
| Type                   | Discrete Wire Assembly                                                                                                |
| UPC                    | 195842351080                                                                                                          |

### Electrical

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

### Physical

|                             |                      |
|-----------------------------|----------------------|
| Cable Length                | 300.00mm             |
| Circuits (Loaded)           | 10                   |
| Circuits (maximum)          | 10                   |
| Color - Resin               | Black                |
| Gender                      | Female-Pigtail       |
| Lock to Mating Part         | Yes                  |
| Material - Metal            | Copper Alloy         |
| Material - Plating Mating   | Matte Tin            |
| Material - Resin            | Polyester            |
| Net Weight                  | 7.561/g              |
| Number of Rows              | 2                    |
| Packaging Type              | Bag                  |
| Pitch - Mating Interface    | 2.00mm               |
| Single Ended                | Yes                  |
| Termination Interface Style | Crimp or Compression |

|                          |             |
|--------------------------|-------------|
| Wire/Cable Type          | UL 10002    |
| Wire Insulation Diameter | 1.40mm max. |
| Wire Size (AWG)          | 24          |