

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** **2185091044**  
**Status:** **Active**  
**Overview:** Milli-Grid Connector System  
**Description:** Milli-Grid-to-Milli-Grid Off-the-Shelf (OTS) Cable Assembly, 2.00mm Pitch, Dual Row, 600.00mm Length, 4 Circuits, Black

**Documents:**

[Drawing \(PDF\)](#)

[Datasheet \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

**General**

|                        |                                    |
|------------------------|------------------------------------|
| Product Family         | Cable Assemblies                   |
| Series                 | <u>218509</u>                      |
| Assembly Configuration | Dual Ended Connectors              |
| Connector to Connector | N/A                                |
| Overview               | <u>Milli-Grid Connector System</u> |
| Product Name           | Milli-Grid                         |
| Type                   | Discrete Wire Assembly             |
| UPC                    | 195842350748                       |

**Physical**

|                              |                      |
|------------------------------|----------------------|
| Cable Length                 | 600.00mm             |
| Circuits (Loaded)            | 4                    |
| 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                   | 5.948/g              |
| Number of Rows               | 2                    |
| Packaging Type               | Bag                  |
| Pitch - Mating Interface     | 2.00mm               |
| Single Ended                 | No                   |
| Termination Interface: Style | Crimp or Compression |
| Wire Insulation Diameter     | 1.40mm max.          |
| Wire Size AWG                | 24                   |
| Wire/Cable Type              | UL 10002             |

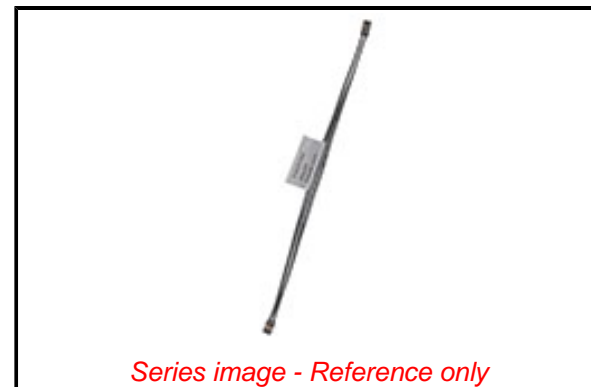
**Electrical**

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

**Material Info**

**Reference - Drawing Numbers**

|               |                |
|---------------|----------------|
| Sales Drawing | 2185091040-000 |
|---------------|----------------|



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2021)4569-DC (8  
July 2021)

**Halogen-Free**

**Status**

**Not Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[218509 Series](#)

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