

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

**Part Number:** [2185091042](#)  
**Status:** **Active**  
**Overview:** [Milli-Grid Connector System](#)  
**Description:** Milli-Grid-to-Milli-Grid Off-the-Shelf (OTS) Cable Assembly, 2.00mm Pitch, Dual Row, 150.00mm Length, 4 Circuits, Black

**Documents:**

[Drawing \(PDF\)](#)

[Datasheet \(PDF\)](#)

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

**General**

|                        |   |
|------------------------|---|
| Product Family         | Cable Assemblies                            |
| Series                 | <a href="#">218509</a>                      |
| Assembly Configuration | Dual Ended Connectors                       |
| Connector to Connector | N/A   |
| Overview               | <a href="#">Milli-Grid Connector System</a> |
| Product Name           | Milli-Grid                                  |
| Type                   | Discrete Wire Assembly                      |
| UPC                    | 195842350724                                |

**Physical**

|                              |                      |
|------------------------------|----------------------|
| Cable Length                 | 150.00mm             |
| 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                   | 1.826/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](#)

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Rectangular Cable Assemblies](#) category:*

*Click to view products by [Molex](#) manufacturer:*

Other Similar products are found below :

[MC320E-N-23](#) [G125FC10668L0-0300L](#) [G125FC10668L0-0150L](#) [G125-FC11068L0-0150L](#) [G125-FC11068L0-0300L](#) [HQCD-090-05.00-TTR-TTR-1-B](#) [M80-FC23468FC-0150L](#) [215322-2032](#) [215323-2052](#) [215323-1032](#) [215323-2031](#) [SFSDT-35-28-H-24.00-SR](#) [SFSDT-30-28-H-24.00-SR](#) [SFSDT-50-28-H-24.00-SR](#) [S1SS-05-28-GF-10.00-S](#) [SMSD-05-24-L-06.00-D-K-KDX](#) [ERCD-030-11.81-TEU-TED-1-D](#) [CABLE-PH10](#) [CABLE-EH04](#) [vrw-05-20-50-01g-000-e090](#) [MP-2J1-025-PS1-005M](#) [CABLE-PH04](#) [27ZRO-B-1A](#) [M300-FC11005F2-0450L](#) [M300-FC21005F2-0450L](#) [M80-FC305F1-04-0300F1](#) [45130-0401](#) [45130-0210](#) [45130-0410](#) [45111-0402](#) [45111-0603](#) [15134-0401](#) [15134-0803](#) [15134-0801](#) [45111-0403](#) [15132-0403](#) [15131-0403](#) [15134-1003](#) [15134-1000](#) [45135-0603](#) [45135-0401](#) [45132-0610](#) [15134-1002](#) [45135-0610](#) [45132-0403](#) [15134-1203](#) [15135-0806](#) [15134-0300](#) [45135-0403](#) [15134-1202](#)