

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

**Part Number:** **2185091040**  
**Status:** **Active**  
**Overview:** Milli-Grid Connector System  
**Description:** Milli-Grid-to-Milli-Grid Off-the-Shelf (OTS) Cable Assembly, 2.00mm Pitch, Dual Row, 50.00mm 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	195842350700

**Physical**

Cable Length	50.00mm
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	0.910/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

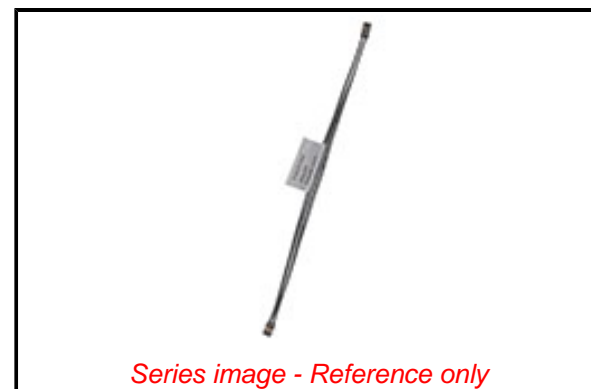
**Electrical**

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

**Material Info**

**Reference - Drawing Numbers**

Sales Drawing	2185091040-000
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*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2021)10043-DC (17  
Jan 2022)

**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