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**Part Number:** [0511101851](#)  
**Status:** **Active**  
**Overview:** [Milli-Grid™ Connector System](#)  
**Description:** 2.00mm Pitch, Milli-Grid™ Receptacle Housing, 18 Circuits, with Center Polarization Key, with Locking Ramp, Lead-Free

**Documents:**

|                                                              |                                                            |
|--------------------------------------------------------------|------------------------------------------------------------|
| <a href="#">3D Model</a>                                     | <a href="#">Packaging Specification PK-51110-300 (PDF)</a> |
| <a href="#">Drawing (PDF)</a>                                | <a href="#">RoHS Certificate of Compliance (PDF)</a>       |
| <a href="#">Product Specification PS-51110-001-001 (PDF)</a> | <a href="#">Product Literature (PDF)</a>                   |

**Agency Certification**

|     |         |
|-----|---------|
| CSA | LR19980 |
| UL  | E29179  |

**General**

|                               |                                              |
|-------------------------------|----------------------------------------------|
| Product Family                | Crimp Housings                               |
| Series                        | <a href="#">51110</a>                        |
| Application                   | Signal, Wire-to-Board                        |
| Application Tooling Part Link | 63824-2800                                   |
| Comments                      | Applicable Wire Range: 24-30 AWG             |
| Overview                      | <a href="#">Milli-Grid™ Connector System</a> |
| Product Literature Order No   | 987650-1991                                  |
| Product Name                  | Milli-Grid™                                  |
| UPC                           | 800753630505                                 |

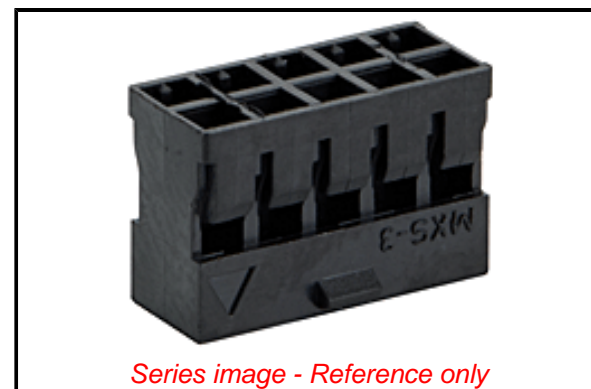
**Physical**

|                               |                 |
|-------------------------------|-----------------|
| Circuits (maximum)            | 18              |
| Color - Resin                 | Black           |
| Flammability                  | 94V-0           |
| Gender                        | Receptacle      |
| Glow-Wire Compliant           | No              |
| Lock to Mating Part           | Yes             |
| Material - Resin              | Polyester       |
| Net Weight                    | 0.381/g         |
| Number of Rows                | 2               |
| Packaging Type                | Bag             |
| Panel Mount                   | No              |
| Pitch - Mating Interface      | 2.00mm          |
| Polarized to Mating Part      | Yes             |
| Stackable                     | No              |
| Temperature Range - Operating | -40°C to +105°C |

**Material Info**

**Reference - Drawing Numbers**

|                         |                  |
|-------------------------|------------------|
| Packaging Specification | PK-51110-300     |
| Product Specification   | PS-51110-001-001 |
| Sales Drawing           | SD-51110-XX5X    |



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
-ED/01/2017 (12  
January 2017)

**Halogen-Free**

**Status**

**Not Low-Halogen**

**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[51110 Series](#)

**Mates With**

Milli-Grid™ Headers [87758](#) , [87759](#) ,  
[87760](#) , [87831](#) , [87832](#) <br>Milli-Grid™  
BMI Header [151013](#) <br>Milli-Grid™ Low-  
Halogen Headers [151117](#) , [151118](#) , [151119](#)  
 , [151120](#)

**Use With**

[50394 Crimp Terminals](#)

**Application Tooling | [FAQ](#)**

*Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.*

**Global**

| Description                                      | Product #         |
|--------------------------------------------------|-------------------|
| Extractor Tool<br>for Milli-Grid 2.0<br>Housings | <u>0638242800</u> |

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