

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

**Part Number:** **0511100660**  
**Status:** **Active**  
**Overview:** Milli-Grid Connector System  
**Description:** 2.00mm Pitch, Milli-Grid Receptacle Housing, 6 Circuits, without Center Polarization Key, with Locking Ramp, Lead-Free

**Documents:**

|  |  |
|--|--|
| <a href="#">3D Model</a>                                     | <a href="#">Application Specification 503940001-AS-000 (PDF)</a> |
| <a href="#">3D Model (PDF)</a>                               | <a href="#">Packaging Specification PK-51110-300-001 (PDF)</a>   |
| <a href="#">Drawing (PDF)</a>                                | <a href="#">Brochure (PDF)</a>                                   |
| <a href="#">Product Specification PS-51110-001-001 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>             |

**Agency Certification**

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

**Application tooling part link**

|                               |            |
|-------------------------------|------------|
| Application Tooling Part Link | 63824-2800 |
|-------------------------------|------------|

**General**

|                |   |
|----------------|---|
| Product Family | Crimp Housings  |
| Series         | <u>51110</u>  |
| Application    | Signal, Wire-to-Board   |
| Comments       | Applicable Wire Ranges: 24-30 AWG (series <u>50394</u> terminal) and 22-28 AWG (series <u>87396</u> terminal) |
| Overview       | <u>Milli-Grid Connector System</u>  |
| Product Name   | Milli-Grid  |
| UPC            | 800753758520  |

**Physical**

|                               |                |
|-------------------------------|----------------|
| Circuits (maximum)            | 6              |
| Color - Resin                 | Black          |
| Flammability                  | 94V-0          |
| Gender                        | Receptacle     |
| Glow-Wire Capable             | No             |
| Keying to Mating Part         | None           |
| Lock to Mating Part           | Yes            |
| Material - Resin              | Polyester      |
| Net Weight                    | 0.124/g        |
| Number of Rows                | 2              |
| Packaging Type                | Bag            |
| Panel Mount                   | No             |
| Pitch - Mating Interface      | 2.00mm         |
| Pitch - Termination Interface | 2.00mm         |
| Polarized to Mating Part      | Yes            |
| Stackable                     | No             |
| Temperature Range - Operating | -40° to +105°C |

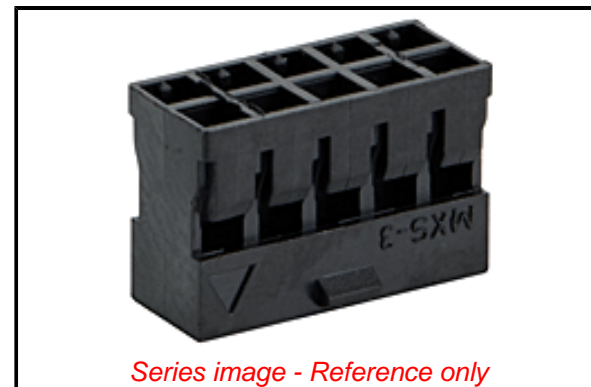
**Solder Process Data**

|                              |     |
|------------------------------|-----|
| Lead-free Process Capability | N/A |
|------------------------------|-----|

**Material Info**

**Reference - Drawing Numbers**

|                           |                   |
|---------------------------|-------------------|
| Application Specification | 503940001-AS-000  |
| Packaging Specification   | PK-51110-300-001  |
| Product Specification     | PS-51110-001-001  |
| Sales Drawing             | SD-51110-XX60-001 |



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**

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**

Milli-Grid Crimp Terminals 50394 , 87396 <br>Milli-Grid Pre-Crimped Leads 797581095 , 797581096

**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  
for Milli-Grid 2.0  
Housings

638242800

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