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**Part Number:** [0511102451](#)  
**Status:** **Active**  
**Overview:** [Milli-Grid™ Connector System](#)  
**Description:** 2.00mm Pitch, Milli-Grid™ Receptacle Housing, 24 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	800753644755

**Physical**

Circuits (maximum)	24
Color - Resin	Black
Flammability	94V-0
Gender	Receptacle
Glow-Wire Compliant	No
Lock to Mating Part	Yes
Material - Resin	Polyester
Net Weight	0.514/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

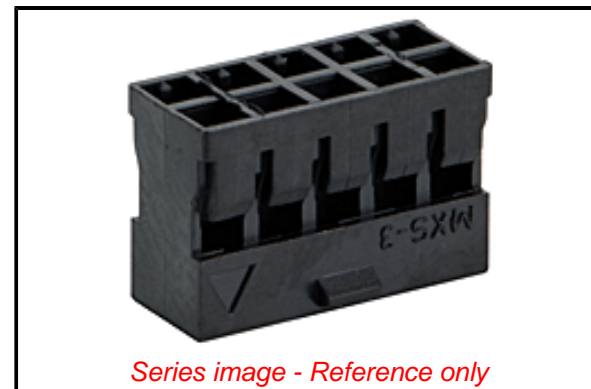
**Solder Process Data**

Lead-freeProcess Capability	N/A
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**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**

**Compliant**

**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	Green Image
ELV	Compliant
RoHS Phthalates	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 for Milli-Grid 2.0 Housings	<u>0638242800</u>

This document was generated on 05/25/2017

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