

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

**Part Number:** [0511102051](#)  
**Status:** **Active**  
**Overview:** [Milli-Grid Connector System](#)  
**Description:** 2.00mm Pitch, Milli-Grid Receptacle Housing, 20 Circuits, with Center Polarization Key, with Locking Ramp, Lead-Free

**Documents:**

[3D Model](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Drawing \(PDF\)](#) [Product Literature \(PDF\)](#)  
[Product Specification PS-51110-001-001 \(PDF\)](#)

**Agency Certification**

CSA LR19980  
 UL E29179

**General**

Product Family Crimp Housings  
 Series [51110](#)  
 Application Signal, Wire-to-Board  
 Application Tooling Part Link 63824-2800  
 Comments Applicable Wire Range: 24-30 AWG  
 Overview [Milli-Grid Connector System](#)  
 Product Literature Order No 987650-1991  
 Product Name Milli-Grid  
 UPC 800753573888

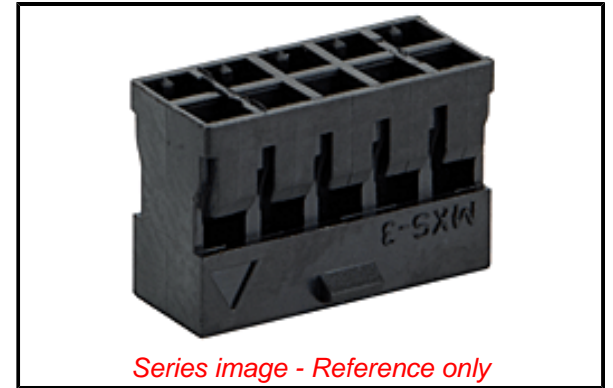
**Physical**

Circuits (maximum) 20  
 Color - Resin Black  
 Flammability 94V-0  
 Gender Receptacle  
 Glow-Wire Capable No  
 Lock to Mating Part Yes  
 Material - Resin Polyester  
 Net Weight 0.425/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° to +105°C

**Material Info**

**Reference - Drawing Numbers**

Product Specification PS-51110-001-001  
 Sales Drawing SD-51110-XX5X



Series image - Reference only

**EU ELV**

**Not Reviewed**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
 ED/61/2018 (27 June  
 2018)

**Halogen-Free**

**Status**

**Not Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Reviewed

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 [0638242800](#)

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