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**Part Number:** [51110-2051](#)  
**Status:** **Active**  
**Overview:** [Milli-Grid™ Connector System](#)  
**Description:** 2.00mm Pitch, Milli-Grid™ Crimp 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 \(PDF\)](#)

**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 Female  
 Glow-Wire Compliant 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 Yes  
 Temperature Range - Operating -40°C to +105°C

**Material Info**

**Reference - Drawing Numbers**

Product Specification PS-51110-001  
 Sales Drawing SD-51110-\*\*5\*, SD-51110-XX5X



**EU RoHS**

**ELV and RoHS Compliant**  
**REACH SVHC Contains SVHC: No**  
**Low-Halogen Status Not Low-Halogen**

**China RoHS**



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

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

**Search Parts in this Series**

51110Series

**Mates With**

87758 Vertical, Through Hole, Stackable PCB Header, 87759 Vertical, Surface Mount, Stackable PCB Header, 87760 Right Angle, Through Hole, Stackable PCB Header, 87831 Vertical, Through Hole PCB Header, 87832 Vertical, Surface Mount PCB

**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 #
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Extractor Tool for 0638242800  
Milli-Grid™ 2.0  
Housings

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