This document was generated on 08/02/2017

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

**Part Number:** 0511101056
**Status:** Active
**Overview:** Milli-Grid™ Connector System
**Description:** 2.00mm Pitch, Milli-Grid™ Receptacle Housing, 10 Circuits, with Center Locking Ramp and Side Polarization Keys, Lead-Free



*Series image - Reference only*

**Documents:**
3D Model
Drawing (PDF)
Product Specification PS-51110-001-001 (PDF)
Packaging Specification PK-51110-300 (PDF)
RoHS Certificate of Compliance (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 Name | Milli-Grid™ |
| UPC | 800753616998 |

**Physical**

| | |
|---|---|
| Circuits (maximum) | 10 |
| Color - Resin | Black |
| Flammability | 94V-0 |
| Gender | Receptacle |
| Glow-Wire Compliant | No |
| Lock to Mating Part | Yes |
| Material - Resin | Polyester |
| Net Weight | 0.203/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-XX56 |

**EU ELV**
**Compliant**

**EU RoHS** | **China RoHS**
**Compliant**

**REACH SVHC**
Not Contained Per - ED/30/2017 (7 July 2017)

**Halogen-Free Status**
**Not Low-Halogen**

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

Email 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 | 0638242800 |

This document was generated on 08/02/2017

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