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**Part Number:** 0511101256

**Status:** Active

**Overview:** Milli-Grid Connector System

**Description:** 2.00mm Pitch, Milli-Grid Receptacle Housing, 12 Circuits, with Center Locking Ramp and Side Polarization Keys, Lead-Free

*Series image - Reference only*

**Documents:**

- 3D Model
- 3D Model (PDF)
- Drawing (PDF)
- Product Specification PS-51110-001-001 (PDF)
- Application Specification 503940001-AS-000 (PDF)
- Packaging Specification PK-51110-300-001 (PDF)
- Brochure (PDF)
- RoHS Certificate of Compliance (PDF)

**Agency Certification**

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

**Application tooling part link**

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

**General**

| | |
|---|---|
| Product Family | Crimp Housings |
| Series | 51110 |
| Application | Signal, Wire-to-Board |
| Comments | Applicable Wire Ranges: 24-30 AWG (series 50394 terminal) and 22-28 AWG (series 87396 terminal) |
| Overview | Milli-Grid Connector System |
| Product Name | Milli-Grid |
| Taxonomy | Connector Housings |
| UPC | 800753617001 |

**Physical**

| | |
|---|---|
| Circuits (maximum) | 12 |
| 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 | 0.248/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 |

**Material Info**

**Reference - Drawing Numbers**

| | |
|---|---|
| Application Specification | 503940001-AS-000 |
| Packaging Specification | PK-51110-300-001 |
| Product Specification | PS-51110-001-001 |

**EU ELV**
**Not Relevant**

**EU RoHS**
**Compliant**

**China RoHS**

**REACH SVHC**
Not Contained Per - D(2022)4187-DC (10 June 2022)

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

For more information, please visit Contact US

| | |
|---|---|
| China ROHS | Green Image |
| ELV | Not Relevant |
| 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**
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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