

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

**Part Number:** [0511101050](#)  
**Status:** **Active**  
**Overview:**  
**Description:** 2.00mm Pitch, Milli-Grid Receptacle Housing, 10 Circuits, without Center Polarization Key, without Locking Ramp, Lead-Free

**Agency Certification**

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

**Application tooling part link**

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

**General**

|                |   |
|----------------|---|
| Product Family | Crimp Housings  |
| Series         | <a href="#">51110</a>   |
| Application    | Signal, Wire-to-Board   |
| Comments       | Applicable Wire Ranges: 24-30 AWG (series <a href="#">50394</a> terminal) and 22-28 AWG (series <a href="#">87396</a> terminal) |
| Overview       | milligrd  |
| Product Name   | Milli-Grid  |
| UPC            | 800753574168  |

**Physical**

|                               |                |
|-------------------------------|----------------|
| Circuits (maximum)            | 10             |
| 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                    | 0.207/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**

**REACH SVHC**

Not Contained Per -  
D(2020)4578-DC (25  
June 2020)

**Halogen-Free**

**Status**

**Not Low-Halogen**

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

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

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](#)