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**Part Number:** [0511100650](#)  
**Status:** **Active**  
**Overview:**  
**Description:** 2.00mm Pitch, Milli-Grid Receptacle Housing, 6 Circuits, without Center Polarization Key, without Locking Ramp, Lead-Free

|                                      |                                                                                                                                 |
|--------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| <b>Agency Certification</b>          |                                                                                                                                 |
| CSA                                  | LR19980                                                                                                                         |
| UL                                   | E29179                                                                                                                          |
| <b>Application tooling part link</b> |                                                                                                                                 |
| Application Tooling Part Link        | 63824-2800                                                                                                                      |
| <b>General</b>                       |                                                                                                                                 |
| 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                                  | 800753574144                                                                                                                    |
| <b>Physical</b>                      |                                                                                                                                 |
| Circuits (maximum)                   | 6                                                                                                                               |
| 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                           | 0.120/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                                                                                                                  |
| <b>Solder Process Data</b>           |                                                                                                                                 |
| Lead-freeProcess Capability          | N/A                                                                                                                             |
| <b>Material Info</b>                 |                                                                                                                                 |
| <b>Reference - Drawing Numbers</b>   |                                                                                                                                 |
| 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(2021)4569-DC (8  
July 2021)

**Halogen-Free**

**Status**

**Not Low-Halogen**

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

China ROHS

ELV

RoHS Phthalates

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**

Extractor Tool  
for Milli-Grid 2.0  
Housings

**Product #**

[638242800](#)