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Part Number:

0511100860

Status:

Active

Overview:

Milli-Grid™ Connector System

Description:

2.00mm Pitch, Milli-Grid™ Crimp Housing, 8 Circuits, without Center Polarization Key, with Locking Ramp, Lead-Free

Documents:

3D Model

Drawing (PDF)

Product Specification PS-51110-001 (PDF)

RoHS Certificate of Compliance (PDF)

Product Literature (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                           | 800753758537                     |

Physical

|                               |                 |
|-------------------------------|-----------------|
| Circuits (maximum)            | 8               |
| Color - Resin                 | Black           |
| Flammability                  | 94V-0           |
| Gender                        | Female          |
| Glow-Wire Compliant           | No              |
| Lock to Mating Part           | Yes             |
| Material - Resin              | Polyester       |
| Net Weight                    | 0.168/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 |

Solder Process Data

|                             |     |
|-----------------------------|-----|
| Lead-freeProcess Capability | N/A |
|-----------------------------|-----|

Material Info

Reference - Drawing Numbers

|                       |               |
|-----------------------|---------------|
| Product Specification | PS-51110-001  |
| Sales Drawing         | SD-51110-**60 |



Series image - Reference only

**EU ELV**  
**Compliant**

|                                                                                                                                                                 |                   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
| <b>EU RoHS</b><br><b>Compliant</b><br><b>REACH SVHC</b><br>Contains SVHC(2015<br>June 15): No<br><b>Halogen-Free</b><br><b>Status</b><br><b>Not Low-Halogen</b> | <b>China RoHS</b> |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|

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

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any non-product compliance questions.

|            |             |
|------------|-------------|
| China ROHS | Green Image |
| ELV        | Compliant   |

**Search Parts in this Series**  
[51110](#) Series

**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.*

|                    |                  |
|--------------------|------------------|
| <b>Global</b>      |                  |
| <b>Description</b> | <b>Product #</b> |

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