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Part Number: [51110-1851](#)
Status: **Active**
Overview: [Milli-Grid™ Connector System](#)
Description: 2.00mm Pitch, Milli-Grid™ Crimp Housing, 18 Circuits, with Center Polarization Key, with Locking Ramp, Lead-Free

Documents:

| | |
|--|--|
| 3D Model | RoHS Certificate of Compliance (PDF) |
| Drawing (PDF) | Product Literature (PDF) |
| Product Specification PS-51110-001 (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 | 800753630505 |

Physical

| | |
|-------------------------------|-----------------|
| Circuits (maximum) | 18 |
| Color - Resin | Black |
| Flammability | 94V-0 |
| Gender | Female |
| Glow-Wire Compliant | No |
| Lock to Mating Part | Yes |
| Material - Resin | Polyester |
| Net Weight | 0.381/g |
| Number of Rows | 2 |
| Packaging Type | Bag |
| Panel Mount | No |
| Pitch - Mating Interface | 2.00mm |
| Polarized to Mating Part | Yes |
| Stackable | Yes |
| Temperature Range - Operating | -40°C to +105°C |

Material Info

Reference - Drawing Numbers

| | |
|-----------------------|------------------------------|
| Product Specification | PS-51110-001 |
| Sales Drawing | SD-51110-**5*, SD-51110-XX5X |



EU RoHS

ELV and RoHS Compliant
REACH SVHC Contains SVHC: No
Low-Halogen Status
Not Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

[51110Series](#)

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.

Global

| | |
|--------------------|------------------|
| Description | Product # |
|--------------------|------------------|

Extractor Tool for 0638242800
Milli-Grid™ 2.0
Housings

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