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Part Number: [0511101451](#)
Status: **Active**
Overview: [Milli-Grid™ Connector System](#)
Description: 2.00mm Pitch, Milli-Grid™ Receptacle Housing, 14 Circuits, with Center Polarization Key, with Locking Ramp, Lead-Free

Documents:

| | |
|--------------------------------------------------------------|------------------------------------------------------------|
| 3D Model | Packaging Specification PK-51110-300 (PDF) |
| Drawing (PDF) | RoHS Certificate of Compliance (PDF) |
| Product Specification PS-51110-001-001 (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 |
| MolexKits | Yes |
| Overview | Milli-Grid™ Connector System |
| Product Literature Order No | 987650-1991 |
| Product Name | Milli-Grid™ |
| UPC | 800753574229 |

Physical

| | |
|-------------------------------|-----------------|
| Circuits (maximum) | 14 |
| Color - Resin | Black |
| Flammability | 94V-0 |
| Gender | Female |
| Glow-Wire Compliant | No |
| Lock to Mating Part | Yes |
| Material - Resin | Polyester |
| Net Weight | 0.291/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

| | |
|-------------------------|------------------|
| Packaging Specification | PK-51110-300 |
| Product Specification | PS-51110-001-001 |
| Sales Drawing | SD-51110-XX5X |



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ED/21/2016 (20 June
2016)

Halogen-Free

Status

Not Low-Halogen

Need more information on product environmental compliance?

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

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](#)
Milli-Grid™
BMI Header [151013](#)
Milli-Grid™ Low-
Halogen Headers [151117](#) , [151118](#) , [151119](#)
, [151120](#)

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 Milli-Grid™ 2.0 Housings | <u>0638242800</u> |

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