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Part Number: [1511200312](#)
Status: **Active**
Overview: [Milli-Grid™ Connector System](#)
Description: 2.00mm Pitch Milli-Grid Header, Surface Mount, Dual Row, Right Angle, 0.75µm Gold (Au) Plating, without Peg, without Pick and Place Tape, 12 Circuits, Low-Halogen, Tape and Reel

Documents:

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-151117-0001-001 \(PDF\)](#) [Product Literature \(PDF\)](#)
[Packaging Specification PK-151120-3000 \(PDF\)](#)

Agency Certification

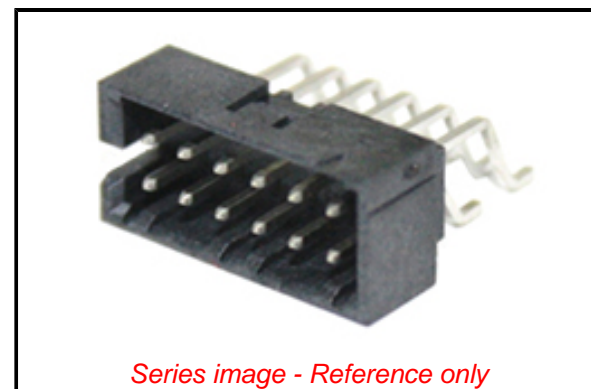
CSA LR19980
 UL E29179

General

Product Family PCB Headers
 Series [151120](#)
 Application Board-to-Board, Signal, Wire-to-Board
 Overview [Milli-Grid™ Connector System](#)
 Product Literature Order No 987651-5501
 Product Name Milli-Grid
 UPC 889056764001

Physical

Breakaway No
 Circuits (Loaded) 12
 Circuits (maximum) 12
 Color - Resin Black
 First Mate / Last Break No
 Flammability 94V-0
 Glow-Wire Compliant Under Evaluation
 Guide to Mating Part No
 Keying to Mating Part None
 Lock to Mating Part Yes
 Material - Metal Copper Alloy
 Material - Plating Mating Gold over Nickel
 Material - Plating Termination Tin over Nickel
 Material - Resin Liquid Crystal Polymer
 Net Weight 0.725/g
 Number of Rows 2
 Orientation Right Angle
 PCB Locator No
 PCB Retention None
 Packaging Type Embossed Tape on Reel
 Pitch - Mating Interface 2.00mm
 Pitch - Termination Interface 2.00mm
 Plating min - Mating 0.750µm
 Plating min - Termination 2.000µm
 Polarized to Mating Part Yes
 Polarized to PCB Yes
 Shrouded Yes
 Stackable No
 Surface Mount Compatible (SMC) Yes
 Temperature Range - Operating -55°C to +105°C
 Termination Interface: Style Surface Mount



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
 ED/30/2017 (7 July
 2017)

Halogen-Free

Status

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 Green Image
 ELV Not Relevant
 RoHS Phthalates Not Contained

Search Parts in this Series

[151120](#) Series

Mates With

Milli-Grid Receptacle Housing (Low-Halogen) [151192](#)
Milli-Grid Receptacle Housing [51110](#)
Milli-Grid PCB Receptacles [78787](#) , [78788](#) , [79107](#) , [79109](#)

Electrical

| | |
|-------------------------------|---------|
| Current - Maximum per Contact | 2.0A |
| Voltage - Maximum | 125V AC |

Solder Process Data

| | |
|--|----------|
| Duration at Max. Process Temperature (seconds) | 011 |
| Lead-freeProcess Capability | SMC&WAVE |
| Max. Cycles at Max. Process Temperature | 001 |
| Process Temperature max. C | 265 |

Material Info**Reference - Drawing Numbers**

| | |
|-------------------------|--------------------|
| Packaging Specification | PK-151120-3000 |
| Product Specification | PS-151117-0001-001 |
| Sales Drawing | SD-151120-0001 |

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