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Part Number: [1511200108](#)
Status: **Active**
Overview: Milli-Grid Connector System
Description: 2.00mm Pitch Milli-Grid Header, Surface Mount, Dual Row, Right-Angle, 0.05µm Gold (Au) Plating, without Peg, without Pick and Place Tape, 8 Circuits, Low-Halogen, Tape and Reel
Replacement Part Number: <http://www.molex.com/molex/products/listview.jsp?channel=Products&sType=p&query=15112005081511200508> (drop-in)

Documents:

3D Model	Packaging Specification PK-151120-3000 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification PS-151117-0001-001 (PDF)	Product Literature (PDF)

Agency Certification

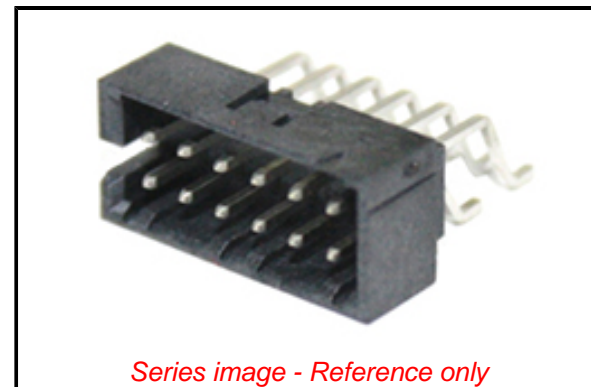
CSA	LR19980
UL	E29179

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
Replacement Part Number	1511200508 (drop-in)
UPC	889056763158

Physical

Breakaway	No
Circuits (Loaded)	8
Circuits (maximum)	8
Color - Resin	Black
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Capable	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	0.514/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	0.050µm
Plating min - Termination	2.000µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Yes
Stackable	No



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
-ED/88/2018 (15
January 2019)

Halogen-Free

Status

Low-Halogen

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

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

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](#)

Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-55° to +105°C
Termination Interface: Style	Surface Mount

Electrical

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

Solder Process Data

Duration at Max. Process Temperature (seconds)	011
Lead-free Process 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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