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Part Number: [1511200120](#)
Status: **Active**
Overview: [Milli-Grid Connector System](#)
Description: 2.00mm Pitch, Milli-Grid PCB Header, Dual Row, Right-Angle, Surface Mount, 0.05µm Gold (Au) Plating, without Peg, without Pick and Place Tape, 20 Circuits, Glow-Wire Capable, Tape and Reel

Documents:

Drawing (PDF)	Application Specification 503940002-AS-000 (PDF)
3D Model	Packaging Specification PK-151120-3000 (PDF)
3D Model (PDF)	Datasheet (PDF)
Product Specification PS-151117-0001-001 (PDF)	RoHS Certificate of Compliance (PDF)
Application Specification 503940001-AS-000 (PDF)	

Agency Certification

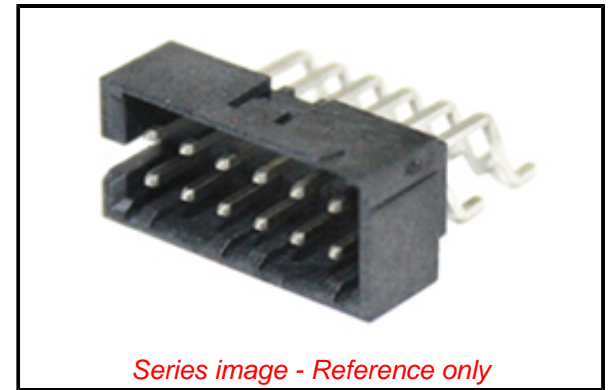
CSA	LR19980
UL	E29179

General

Product Family	PCB Headers
Series	151120
Application	Board-to-Board, Signal, Wire-to-Board
Overview	Milli-Grid Connector System
Product Name	Milli-Grid
UPC	889056763219

Physical

Breakaway	No
Circuits (Loaded)	20
Circuits (maximum)	20
Color - Resin	Black
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Capable	Yes
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Liquid Crystal Polymer
Net Weight	1.150/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
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-55° to +105°C



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2020)4578-DC (25
June 2020)

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

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

Application Specification 503940001-AS-000, 503940002-AS-000
Packaging Specification PK-151120-3000
Product Specification PS-151117-0001-001
Sales Drawing SD-151120-0001

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