

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [1511194050](#)

**Status:** **Active**

**Overview:** [Milli-Grid Connector System](#)

**Description:** 2.00mm Pitch, Milli-Grid PCB Header, Dual Row, Right-Angle, Through Hole, 2.00µm Tin (Sn) Plating, without Peg, 3.60mm PC Tail Length, without Pick and Place Tape, 50 Circuits, Glow-Wire Capable, Tube

**Documents:**

[3D Model](#)

[3D Model \(PDF\)](#)

[Drawing \(PDF\)](#)

[Datasheet \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

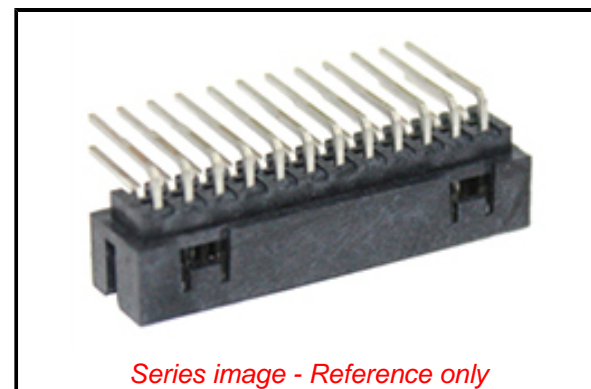
CSA LR19980  
UL E29179

**General**

Product Family PCB Headers  
Series [151119](#)  
Application Board-to-Board, Signal, Wire-to-Board  
Overview [Milli-Grid Connector System](#)  
Product Name Milli-Grid  
UPC 889056751438

**Physical**

Breakaway No  
Circuits (Loaded) 50  
Circuits (maximum) 50  
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 Tin  
Material - Plating Termination Tin  
Material - Resin Liquid Crystal Polymer  
Net Weight 2.689/g  
Number of Rows 2  
Orientation Right Angle  
PC Tail Length 3.60mm  
PCB Locator No  
PCB Retention None  
PCB Thickness - Recommended 2.60mm  
Packaging Type Tube  
Pitch - Mating Interface 2.00mm  
Pitch - Termination Interface 2.00mm  
Plating min - Mating 2.000µm  
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**

[151119 Series](#)

**Mates With**

Milli-Grid Receptacle Housing [151192](#) ,  
[51110](#) <br>Milli-Grid PCB Receptacles  
[78787](#) , [78788](#) , [79107](#) , [79109](#)

Termination Interface: Style Through Hole

**Electrical**

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

**Solder Process Data**

Duration at Max. Process Temperature (seconds) 010  
Lead-freeProcess Capability SMC&WAVE  
Max. Cycles at Max. Process Temperature 001  
Process Temperature max. C 260

**Material Info**

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