

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

**Part Number:** [1511181414](#)

**Status:** **Active**

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

**Description:** 2.00mm Pitch, Milli-Grid PCB Header, Dual Row, Vertical, Surface Mount, 2.00µm Tin (Sn) Plating, without Peg, with Pick and Place Cap, 14 Circuits, Glow-Wire Capable, Tube

**Documents:**

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

[3D Model](#)

[Drawing \(PDF\)](#)

[Product Specification PS-151117-0001-001 \(PDF\)](#)

[Application Specification 503940001-AS-000 \(PDF\)](#)

[Application Specification 503940002-AS-000 \(PDF\)](#)

[Packaging Specification PK-151118-0001 \(PDF\)](#)

[Packaging Specification PK-151118-3000 \(PDF\)](#)

[Datasheet \(PDF\)](#)

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

**Agency Certification**

CSA LR19980

UL E29179

**General**

Product Family PCB Headers

Series [151118](#)

Application Board-to-Board, Signal, Wire-to-Board

Overview [Milli-Grid Connector System](#)

Product Name Milli-Grid

UPC 889056794381

**Physical**

Breakaway No

Circuits (Loaded) 14

Circuits (maximum) 14

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 0.660/g

Number of Rows 2

Orientation Vertical

PCB Locator No

PCB Retention None

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

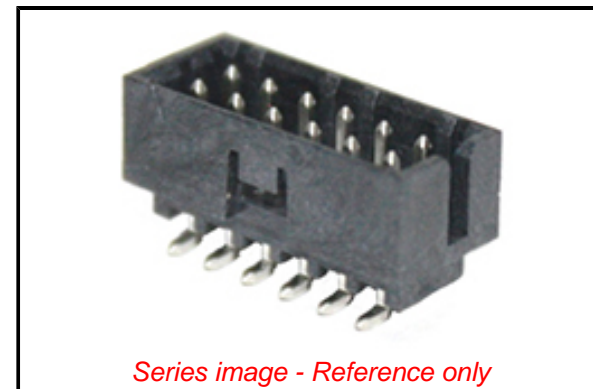
Polarized to PCB No

Robotic Placement Pick and Place Cap

Shrouded Yes

Stackable No

Surface Mount Compatible (SMC) Yes



*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**

[151118 Series](#)

**Mates With**

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

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)	010
Lead-free Process Capability	REFLOW
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	260

**Material Info****Reference - Drawing Numbers**

Application Specification	503940001-AS-000, 503940002-AS-000
Packaging Specification	PK-151118-0001, PK-151118-3000
Product Specification	PS-151117-0001-001
Sales Drawing	SD-151118-0001-001

This document was generated on 09/30/2020

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**