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**Part Number:** [1511181008](#)

**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, without Pick and Place Cap, 8 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-151118-0001-001 \(PDF\)](#)

[Packaging Specification PK-151118-3000-001 \(PDF\)](#)

[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 889056793773

**Physical**

Breakaway No

Circuits (Loaded) 8

Circuits (maximum) 8

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 0.417/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

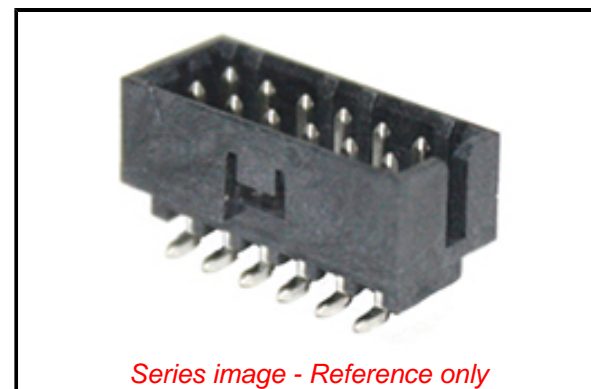
Polarized to PCB No

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(2021)4569-DC (8

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**Halogen-Free**

**Status**

**Low-Halogen**

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

China ROHS

ELV

RoHS Phthalates

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](#)

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-151118-0001-001, PK-151118-3000-001  
Product Specification PS-151117-0001-001  
Sales Drawing SD-151118-0001-001

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