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Part Number: [1511193320](#)

Status: **Active**

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

Description: 2.00mm Pitch, Milli-Grid PCB Header, Dual Row, Right-Angle, Through Hole, 0.75µm Gold (Au) Plating, without Peg, 2.60mm PC Tail Length, without Pick and Place Tape, 20 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-151119-0001-001 \(PDF\)](#)

[Packaging Specification PK-151119-3000-001 \(PDF\)](#)

[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 889056753678

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 1.084/g

Number of Rows 2

Orientation Right Angle

PC Tail Length 2.60mm

PCB Locator No

PCB Retention None

PCB Thickness - Recommended 1.60mm

Packaging Type Tube

Pitch - Mating Interface 2.00mm

Pitch - Termination Interface 2.00mm

Plating min - Mating 0.750µm

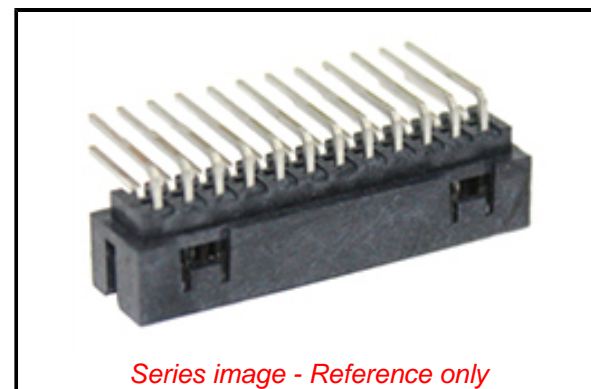
Plating min - Termination 2.000µm

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

| | |
|--------------------------------|----------------|
| Surface Mount Compatible (SMC) | Yes |
| Temperature Range - Operating | -55° to +105°C |
| 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-free Process Capability | SMC&WAVE |
| 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-151119-0001-001, PK-151119-3000-001 |
| Product Specification | PS-151117-0001-001 |
| Sales Drawing | SD-151119-0001-001 |

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