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Part Number: [1511181006](#)

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, 6 Circuits, Glow-Wire Capable, Tube

Documents:

[Drawing \(PDF\)](#)

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

[3D Model](#)

[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 889056793766

Physical

Breakaway No

Circuits (Loaded) 6

Circuits (maximum) 6

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 0.335/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

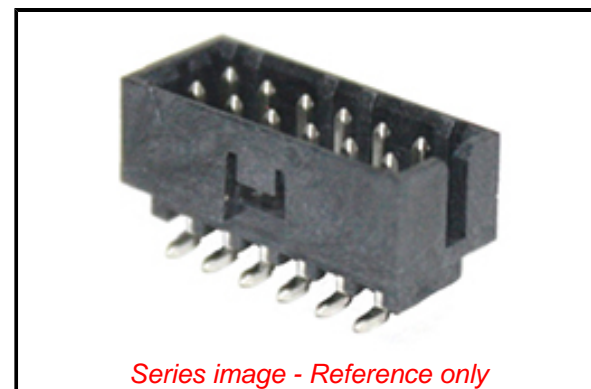
Polarized to PCB No

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

July 2021)

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](#)
 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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