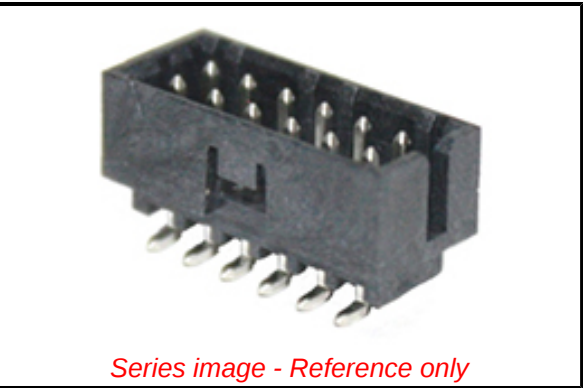


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Part Number: [1511181018](#)
Status: **Active**
Overview: [Milli-Grid™ Connector System](#)
Description: 2.00mm Pitch Milli-Grid™ Header, Surface Mount, Dual Row, Vertical, 2.00µm Tin (Sn) Plating, without Peg, without Pick and Place Cap, 18 Circuits, Low-Halogen, Tube



Documents:
[Drawing \(PDF\)](#)
[Product Specification PS-151117-0001-001 \(PDF\)](#)
[Packaging Specification PK-151118-0001 \(PDF\)](#)
[Packaging Specification PK-151118-3000 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)
[Product Literature \(PDF\)](#)

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 Literature Order No 987651-5501
Product Name Milli-Grid™
UPC 889056793827

Physical

Breakaway No
Circuits (Loaded) 18
Circuits (maximum) 18
Color - Resin Black
First Mate / Last Break No
Flammability 94V-0
Glow-Wire Compliant Under Evaluation
Guide to Mating Part No
Keying to Mating Part None
Lock to Mating Part Yes
Material - Metal Copper Alloy
Material - Plating Mating Tin over Nickel
Material - Plating Termination Tin over Nickel
Material - Resin Liquid Crystal Polymer
Net Weight 0.822/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 Yes
Shrouded Yes
Stackable No
Surface Mount Compatible (SMC) Yes
Temperature Range - Operating -55°C to +105°C
Termination Interface: Style Surface Mount

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ED/30/2017 (7 July
2017)

Halogen-Free

Status

Low-Halogen

**Need more information on product
environmental compliance?**

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any
non-product compliance questions.

China ROHS Green Image
ELV Not Relevant
RoHS Phthalates Not Contained

Search Parts in this Series

[151118](#) Series

Mates With

Milli-Grid™ Receptacle Housing (Low-
Halogen) [151192](#)
Milli-Grid™
Receptacle Housing [51110](#)
Milli-Grid™
PCB Receptacles [78787](#) , [78788](#) , [79107](#) ,
[79109](#)

Electrical

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

Solder Process Data

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

Material Info

Reference - Drawing Numbers

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

This document was generated on 08/02/2017

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