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Part Number: [1511181418](#)
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, with Pick and Place Cap, 18 Circuits, Low-Halogen, Tube

Documents:

Drawing (PDF)	Packaging Specification PK-151118-3000 (PDF)
Product Specification PS-151117-0001-001 (PDF)	RoHS Certificate of Compliance (PDF)
Packaging Specification PK-151118-0001 (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	889056794404

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



Series image - Reference only

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

ELV

RoHS Phthalates

Green Image

Not Relevant

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-free Process 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

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