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**Part Number:** [1511175410](#)

**Status:** **Active**

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

**Description:** 2.00mm Pitch Milli-Grid™ Header, Through Hole, Dual Row, Vertical, 2.00µm Tin (Sn) Plating, without Peg, 4.60mm PC Tail Length, with Pick and Place Cap, 10 Circuits, Low-Halogen, Tube

**Documents:**

[Drawing \(PDF\)](#)

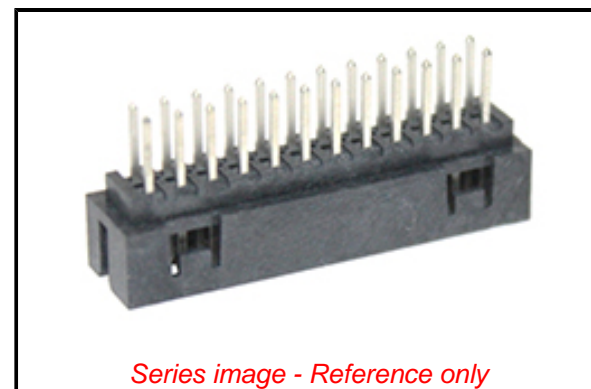
[Product Specification PS-151117-0001-001 \(PDF\)](#)

[Packaging Specification PK-151117-0001 \(PDF\)](#)

[Packaging Specification PK-151117-3000 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

[Product Literature \(PDF\)](#)



*Series image - Reference only*

**Agency Certification**

CSA	LR19980
UL	E29179

**General**

Product Family	PCB Headers
Series	<a href="#">151117</a>
Application	Board-to-Board, Signal, Wire-to-Board
Overview	<a href="#">Milli-Grid™ Connector System</a>
Product Literature Order No	987651-5501
Product Name	Milli-Grid™
UPC	889056812757

**Physical**

Breakaway	No
Circuits (Loaded)	10
Circuits (maximum)	10
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	0.548/g
Number of Rows	2
Orientation	Vertical
PC Tail Length	4.60mm
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	3.60mm
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

**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](mailto: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**

[151117 Series](#)

**Mates With**

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

Temperature Range - Operating -55°C 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) 011  
Lead-freeProcess Capability SMC&WAVE  
Max. Cycles at Max. Process Temperature 001  
Process Temperature max. C 265

**Material Info**

**Reference - Drawing Numbers**

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

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