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Part Number: [1511175418](#)

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, 18 Circuits, Low-Halogen, Tube

Documents:

[Drawing \(PDF\)](#)

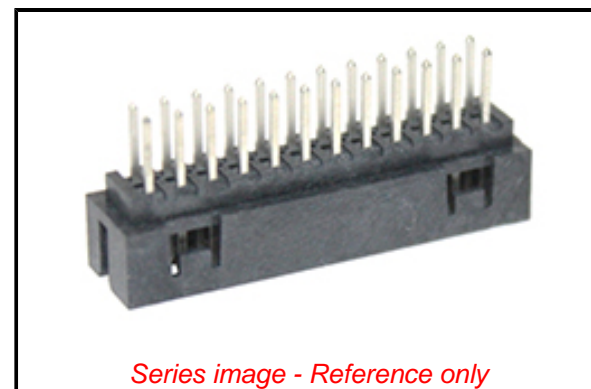
[Product Specification PS-151117-0001-001 \(PDF\)](#)

[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	151117
Application	Board-to-Board, Signal, Wire-to-Board
Overview	Milli-Grid™ Connector System
Product Literature Order No	987651-5501
Product Name	Milli-Grid™
UPC	889056812795

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	0.913/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
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](#)
Milli-Grid™ Receptacle Housing [51110](#)
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-free Process 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

This document was generated on 08/03/2017

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