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Part Number: 1511175014

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, without Pick and Place Cap, 14 Circuits, Low-Halogen, Tube



Series image - Reference only

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)

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	889056812184

Physical

Breakaway	No
Circuits (Loaded)	14
Circuits (maximum)	14
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	0.731/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 **China 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-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