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Part Number: [1511174090](#)
Status: **Active**
Overview: [Milli-Grid Connector System](#)
Description: 2.00mm Pitch, Milli-Grid PCB Header, Dual Row, Vertical, Through Hole, 2.00µm Tin (Sn) Plating, with Peg, 3.60mm PC Tail Length, without Pick and Place Cap, 40 Circuits, Glow-Wire Capable, Tube

Documents:

3D Model	Datasheet (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)
3D Model (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 Name	Milli-Grid
UPC	889056810470

Physical

Breakaway	No
Circuits (Loaded)	40
Circuits (maximum)	40
Color - Resin	Black
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Capable	Yes
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Liquid Crystal Polymer
Net Weight	1.828/g
Number of Rows	2
Orientation	Vertical
PC Tail Length	3.60mm
PCB Locator	No
PCB Retention	Yes
PCB Thickness - Recommended	2.60mm
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
Robotic Placement	None
Shrouded	Yes
Stackable	No
Surface Mount Compatible (SMC)	Yes



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2020)4578-DC (25
June 2020)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[151117 Series](#)

Mates With

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

Temperature Range - Operating -55° 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

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