

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [1511174188](#)

Status: **Active**

Overview:

Description: 2.00mm Pitch, Milli-Grid PCB Header, Dual Row, Vertical, Through Hole, 0.05µm Gold (Au) Plating, with Peg, 3.60mm PC Tail Length, without Pick and Place Cap, 38 Circuits, Glow-Wire Capable, Tube

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	PCB Headers
Series	151117
Application	Board-to-Board, Signal, Wire-to-Board
Overview	milligrd
Product Name	Milli-Grid
UPC	889056835435

Physical

Breakaway	No
Circuits (Loaded)	38
Circuits (maximum)	38
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	Gold
Material - Plating Termination	Tin
Material - Resin	Liquid Crystal Polymer
Net Weight	1.731/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	0.050µm
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
Temperature Range - Operating	-55° to +105°C
Termination Interface: Style	Through Hole

Electrical

Current - Maximum per Contact	2.0A
Voltage - Maximum	125V AC

**EU ELV
Compliant**

**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

Compliant

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](#)

Solder Process Data

Duration at Max. Process Temperature (seconds)	010
Lead-free Process Capability	SMC&WAVE
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	260

Material Info**Reference - Drawing Numbers**

Application Specification	503940001-AS-000, 503940002-AS-000
Packaging Specification	PK-151117-0001-001, PK-151117-3000
Product Specification	PS-151117-0001-001
Sales Drawing	SD-151117-0001-001

This document was generated on 07/15/2020

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION