

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [1511181184](#)
Status: **Active**
Overview:
Description: 2.00mm Pitch, Milli-Grid PCB Header, Dual Row, Vertical, Surface Mount, 0.05µm Gold (Au) Plating, with Peg, without Pick and Place Cap, 34 Circuits, Glow-Wire Capable, Tube

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	PCB Headers
Series	151118
Application	Board-to-Board, Signal, Wire-to-Board
Overview	milligrd
Product Name	Milli-Grid
UPC	889056798648

Physical

Breakaway	No
Circuits (Loaded)	34
Circuits (maximum)	34
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	1.463/g
Number of Rows	2
Orientation	Vertical
PCB Locator	No
PCB Retention	Yes
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	No
Shrouded	Yes
Stackable	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-55° to +105°C
Termination Interface: Style	Surface Mount

Electrical

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

Solder Process Data

Duration at Max. Process Temperature (seconds)	010
--	-----

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

[151118](#) Series

Mates With

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

Lead-free Process Capability
Max. Cycles at Max. Process Temperature
Process Temperature max. C

REFLOW
001
260

Material Info

Reference - Drawing Numbers

Application Specification 503940001-AS-000, 503940002-AS-000
Packaging Specification PK-151118-0001, PK-151118-3000
Product Specification PS-151117-0001-001
Sales Drawing SD-151118-0001-001

This document was generated on 10/21/2020

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION