molex
one company > a world of innovation

This document was generated on 09/25/2019

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 1510134514
Status: Active
Overview: Milli-Grid Connector System
Description: 2.00mm Pitch, Milli-Grid BMI PCB Header, Dual Row, Vertical, Through Hole, 14 Circuits, 0.05µm Gold (Au) Plating, 2.10mm Tail Length, Tube, Lead-Free



Series image - Reference only

Documents:
Drawing (PDF)
3D Model
Product Specification PS-151013-0001-001 (PDF)
Packaging Specification PK-151013-0001-001 (PDF)
RoHS Certificate of Compliance (PDF)

EU ELV
Compliant

EU RoHS
Compliant

China RoHS

REACH SVHC
Not Contained Per - ED/71/2019 (16 July 2019)

Halogen-Free Status
Low-Halogen

For more information, please visit Contact US

China ROHS	Green Image
ELV	Compliant
RoHS Phthalates	Not Contained

Search Parts in this Series
151013 Series

Mates With
Milli-Grid Wire-to-Board Receptacle Housing 51110 , Milli-Grid Panel-to-Board Receptacle Housing 151014

General	
Product Family	PCB Headers
Series	151013
3D Viewer	Yes
Application	Panel-to-Board, Signal, Wire-to-Board
CURRENT-MAX-NUMERIC	2.0
Overview	Milli-Grid Connector System
PITCH-MATING-NUMERIC	2.00
Product Name	Milli-Grid BMI
UPC	889056556477
Physical	
Breakaway	No
Circuits (Loaded)	14
Circuits (maximum)	14
Color - Resin	Black
Durability (mating cycles max)	25
First Mate / Last Break	No
Glow-Wire Capable	No
Guide to Mating Part	Yes
Keying to Mating Part	None
Lock to Mating Part	None
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Matte Tin
Material - Resin	Liquid Crystal Polymer
Net Weight	1.419/g
Number of Rows	2
Orientation	Vertical
PC Tail Length	2.10mm
PCB Locator	Yes
PCB Retention	None
Packaging Type	Tube
Pitch - Mating Interface	2.00mm
Pitch - Termination Interface	2.00mm
Plating min - Mating	0.051µm
Plating min - Termination	1.270µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Yes
Stackable	No
Temperature Range - Operating	0° to +75°C
Termination Interface: Style	Through Hole
Electrical	
Current - Maximum per Contact	2.0A

Voltage - Maximum	125V
Solder Process Data	
Duration at Max. Process Temperature (seconds)	005
Lead-freeProcess Capability	SMC&WAVE
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	260
Material Info	
Reference - Drawing Numbers	
Packaging Specification	PK-151013-0001-001
Product Specification	PS-151013-0001-001
Sales Drawing	SD-151013-0001-000

This document was generated on 09/25/2019

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Molex:
151013-4514