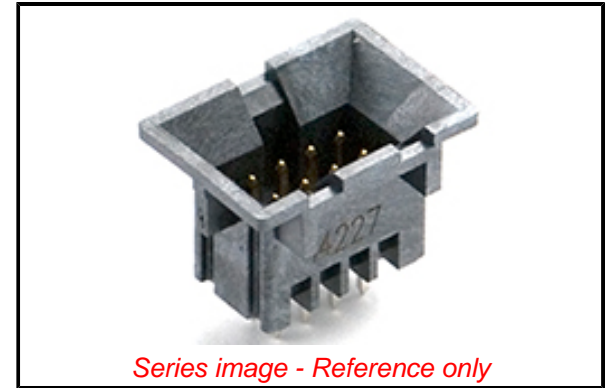


PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [1510133520](#)
Status: **Active**
Overview: [Milli-Grid Connector System](#)
Description: 2.00mm Pitch, Milli-Grid BMI PCB Header, Dual Row, Vertical, Through Hole, 20 Circuits, 0.38µm Gold (Au) Plating, 2.10mm Tail Length, Tube, Lead-Free

Documents:

Drawing (PDF)	Application Specification 503940002-AS-000 (PDF)
3D Model	Packaging Specification PK-151013-0001-001 (PDF)
3D Model (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification PS-151013-0001-001 (PDF)	



General

Product Family	PCB Headers
Series	151013
Application	Panel-to-Board, Signal, Wire-to-Board
Component Type	PCB Header
Overview	Milli-Grid Connector System
Product Name	Milli-Grid BMI
Taxonomy	PCB Headers and Receptacles
UPC	889056569279

Physical

Breakaway	No
Circuits (Loaded)	20
Circuits (maximum)	20
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	1.862/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	0.381µm
Plating min - Termination	1.270µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Yes
Stackable	No
Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Through Hole

Electrical

Current - Maximum per Contact	2.0A
-------------------------------	------

EU ELV

Compliant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2022)4187-DC (10
June 2022)

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

[151013 Series](#)

Mates With

Milli-Grid Wire-to-Board Receptacle Housing [51110](#) , Milli-Grid Panel-to-Board Receptacle Housing [151014](#)

Voltage - Maximum 125V

Solder Process Data

Duration at Max. Process Temperature (seconds) 005
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 503940002-AS-000
Packaging Specification PK-151013-0001-001
Product Specification PS-151013-0001-001
Sales Drawing SD-151013-0001-000

This document was generated on 02/27/2023

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION