

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

1510134310

Status:

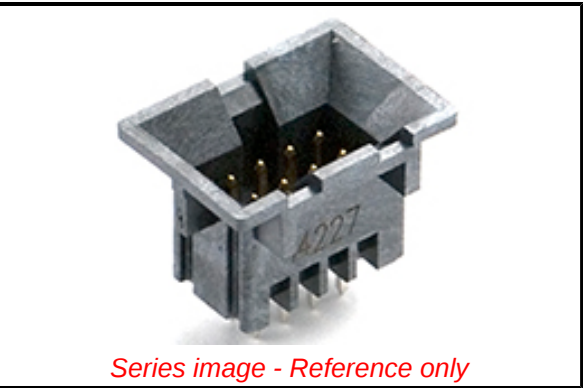
Active

Overview:

Milli-Grid Connector System

Description:

2.00mm Pitch, Milli-Grid BMI PCB Header, Dual Row, Vertical, Through Hole, 10 Circuits, 0.05µm Gold (Au) Plating, 3.50mm Tail Length, Tube, Lead-Free



Series image - Reference only

Documents:

[3D Model \(PDF\)](#)

[3D Model](#)

[Drawing \(PDF\)](#)

[Product Specification PS-151013-0001-001 \(PDF\)](#)

[Application Specification 503940002-AS-000 \(PDF\)](#)

[Packaging Specification PK-151013-0001-001 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification		
CSA		LR19980
UL		E29179
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		889056565523

Physical	
Breakaway	No
Circuits (Loaded)	10
Circuits (maximum)	10
Color - Resin	Black
Durability (mating cycles max)	25
First Mate / Last Break	No
Flammability	94V-0
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	1.155/g
Number of Rows	2
Orientation	Vertical
PC Tail Length	3.50mm
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

EU ELV Compliant	
EU RoHS Compliant	China RoHS
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	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

Temperature Range - Operating	-40° to +105°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	
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 01/04/2023

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION