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**Part Number:** [1510133512](#)  
**Status:** **Active**  
**Overview:** [Milli-Grid™ Connector System](#)  
**Description:** 2.00mm Pitch Milli-Grid™ BMI Header, Vertical, Through Hole, Shrouded, 12 Circuits, 0.38µm Gold (Au) Plating, 2.10mm Tail Length, Tube Packaging, Lead-Free

**Documents:**

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-151013-0001-001 \(PDF\)](#)

**General**

Product Family	PCB Headers
Series	<a href="#">151013</a>
Application	Panel-to-Board, Signal, Wire-to-Board
Electrical Model	No
Overview	<a href="#">Milli-Grid™ Connector System</a>
Product Name	Milli-Grid™ BMI
UPC	889056533331

**Physical**

Breakaway	No
Circuits (Loaded)	12
Circuits (maximum)	12
Color - Resin	Black
Durability (mating cycles max)	25
First Mate / Last Break	No
Glow-Wire Compliant	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	1.273/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	0°C to +75°C
Termination Interface: Style	Through Hole

**Electrical**

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

**Solder Process Data**



*Series image - Reference only*

**EU ELV**

**Compliant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
ED/30/2017 (7 July  
2017)

**Halogen-Free**

**Status**

**Low-Halogen**

**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any non-product compliance questions.

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](#)

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**

Product Specification	PS-151013-0001-001
Sales Drawing	SD-151013-0001-000

This document was generated on 08/03/2017

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