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Part Number: [1510134216](#)
Status: **Active**
Overview: [Milli-Grid™ Connector System](#)
Description: 2.00mm Pitch Milli-Grid™ BMI Header, Vertical, Through Hole, Shrouded, 16 Circuits, 0.05µm Gold (Au) Plating, 3.00mm Tail Length, Tube Packaging, Lead-Free

Documents:

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

Agency Certification

CSA LR19980
UL E29179

General

Product Family PCB Headers
Series [151013](#)
Application Panel-to-Board, Signal, Wire-to-Board
Electrical Model No
Overview [Milli-Grid™ Connector System](#)
Product Name Milli-Grid™ BMI
UPC 889056569347

Physical

Breakaway No
Circuits (Loaded) 16
Circuits (maximum) 16
Color - Resin Black
Durability (mating cycles max) 25
First Mate / Last Break No
Flammability 94V-0
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 1.598/g
Number of Rows 2
Orientation Vertical
PC Tail Length 3.00mm
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°C to +75°C
Termination Interface: Style Through Hole



Series image - Reference only

EU ELV
Compliant

EU RoHS **China 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
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](#)

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

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

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