

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [1510134118](#)
Status: **Active**
Overview: Milli-Grid™ Connector System
Description: 2.00mm Pitch Milli-Grid™ BMI Header, Vertical, Through Hole, Shrouded, 18 Circuits, 0.05µm Gold (Au) Plating, 4.00mm Tail Length, Tube Packaging, Lead-Free

Documents:

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

Agency Certification

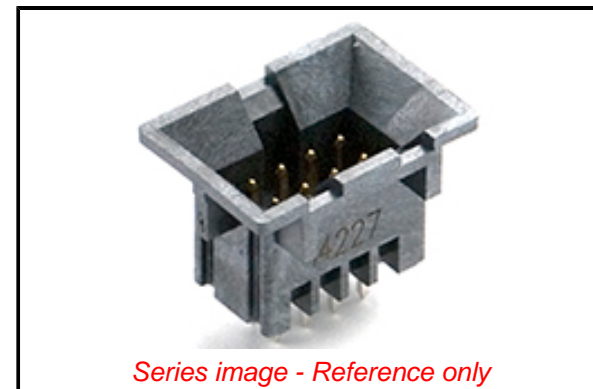
CSA LR19980
 UL E29179

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 889056569323

Physical

Breakaway No
 Circuits (Loaded) 18
 Circuits (maximum) 18
 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 1.789/g
 Number of Rows 2
 Orientation Vertical
 PC Tail Length 4.00mm
 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

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

This document was generated on 08/03/2017

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION