



**Part Number :** [1510134008](#)  
**Product Description :** 2.00mm Pitch, Milli-Grid BMI PCB Header, Dual Row, Vertical, Through Hole, 8 Circuits, 0.05µm Gold (Au) Plating, 2.60mm Tail Length, Tube, Lead-Free  
**Series Number :** 151013  
**Status :** Active  
**Product Category :** PCB Headers and Receptacles



## Documents & Resources


**Drawings**  
[1510134008\\_sd.pdf](#)  
[PK-151013-0001-001.pdf](#)

**3D Models and Design Files**  
[1510134008\\_stp.zip](#)

**Specifications**  
[503940002-AS-000.pdf](#)  
[PS-151013-0001-001.pdf](#)

## Product Environment Compliance

### Compliance

GADSL/IMDS	Compliant with Exemption 44; 34; 33
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)6225-DC (07 Nov 2024)
EU RoHS	Compliant per EU 2015/863

Multiple Part Product Compliance Statements  
- Eu RoHS  
- REACH SVHC  
- Low-Halogen

## Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

## EU RoHS Certificate of Compliance

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### Part Details

#### General

Status	Active
Category	PCB Headers and Receptacles
Series	151013
Description	2.00mm Pitch, Milli-Grid BMI PCB Header, Dual Row, Vertical, Through Hole, 8 Circuits, 0.05µm Gold (Au) Plating, 2.60mm Tail Length, Tube, Lead-Free
Application	Panel-to-Board, Signal, Wire-to-Board
Component Type	PCB Header
Product Name	Milli-Grid BMI
UPC	889056022033

#### Agency

CSA	LR19980
UL	E29179

#### Electrical

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

#### Physical

Breakaway	No
Circuits (Loaded)	8
Circuits (maximum)	8
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	1.000/g
Number of Rows	2
Orientation	Vertical
Packaging Type	Tube
PC Tail Length	2.60mm
PCB Locator	Yes
PCB Retention	None
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	-40° to +105°C
Termination Interface Style	Through Hole

## Solder Process Data

Max-Duration	5
Lead-Free Process Capability	SMC&WAVE
Max-Cycle	1
Max-Temp	260

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## Mates With / Use With

### Mates with Part(s)

Description	Part Number
Milli-Grid Dual Row BMI Receptacle Housings	<u>151014</u>
Milli-Grid Dual Row Receptacle Housings	<u>51110</u>

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