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**Part Number:** 1510133320
**Status:** Active
**Overview:** Milli-Grid Connector System
**Description:** 2.00mm Pitch, Milli-Grid BMI PCB Header, Dual Row, Vertical, Through Hole, 20 Circuits, 0.38µm Gold (Au) Plating, 3.50mm Tail Length, Tube, Lead-Free



*Series image - Reference only*

**Documents:**

3D Model
Drawing (PDF)
3D Model (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 |
| Overview | Milli-Grid Connector System |
| Product Name | Milli-Grid BMI |
| UPC | 889056569217 |
| **Physical** | |
| Breakaway | No |
| Circuits (Loaded) | 20 |
| Circuits (maximum) | 20 |
| 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 | 1.924/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 | 0.381µm |
| Plating min - Termination | 1.270µm |
| Polarized to Mating Part | Yes |
| Polarized to PCB | Yes |
| Shrouded | Yes |
| Stackable | No |
| Temperature Range - Operating | 0° to +75°C |
| Termination Interface: Style | Through Hole |

**EU ELV**
**Compliant**

**EU RoHS**
**Compliant**

**China RoHS**

**REACH SVHC**
Not Contained Per - ED/71/2019 (16 July 2019)

**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

| | |
|---|---|
| **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 |

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