

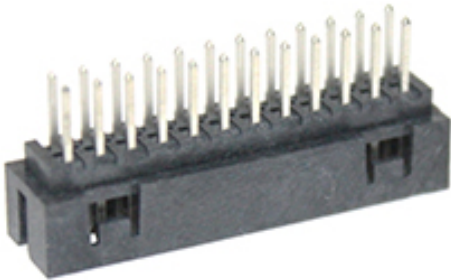
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**Part Number:** [1511173008](#)  
**Status:** **Active**  
**Overview:** [Milli-Grid™ Connector System](#)  
**Description:** 2.00mm Pitch Milli-Grid™ Header, Through Hole, Dual Row, Vertical, 2.00µm Tin (Sn) Plating, without Peg, 2.60mm PC Tail Length, without Pick and Place Cap, 8 Circuits, Low-Halogen, Tube

**Documents:**  
[Drawing \(PDF\)](#) [Packaging Specification PK-151117-3000 \(PDF\)](#)  
[Product Specification PS-151117-0001-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Packaging Specification PK-151117-0001 \(PDF\)](#) [Product Literature \(PDF\)](#)

|                             |                                              |
|-----------------------------|----------------------------------------------|
| <b>Agency Certification</b> |                                              |
| CSA                         | LR19980                                      |
| UL                          | E29179                                       |
| <b>General</b>              |                                              |
| Product Family              | PCB Headers                                  |
| Series                      | <a href="#">151117</a>                       |
| Application                 | Board-to-Board, Signal, Wire-to-Board        |
| Overview                    | <a href="#">Milli-Grid™ Connector System</a> |
| Product Literature Order No | 987651-5501                                  |
| Product Name                | Milli-Grid™                                  |
| UPC                         | 889056806473                                 |

|                                |                        |
|--------------------------------|------------------------|
| <b>Physical</b>                |                        |
| Breakaway                      | No                     |
| Circuits (Loaded)              | 8                      |
| Circuits (maximum)             | 8                      |
| Color - Resin                  | Black                  |
| First Mate / Last Break        | No                     |
| Flammability                   | 94V-0                  |
| Glow-Wire Compliant            | Under Evaluation       |
| Guide to Mating Part           | No                     |
| Keying to Mating Part          | None                   |
| Lock to Mating Part            | Yes                    |
| Material - Metal               | Copper Alloy           |
| Material - Plating Mating      | Tin over Nickel        |
| Material - Plating Termination | Tin over Nickel        |
| Material - Resin               | Liquid Crystal Polymer |
| Net Weight                     | 0.422/g                |
| Number of Rows                 | 2                      |
| Orientation                    | Vertical               |
| PC Tail Length                 | 2.60mm                 |
| PCB Locator                    | No                     |
| PCB Retention                  | None                   |
| PCB Thickness - Recommended    | 1.60mm                 |
| Packaging Type                 | Tube                   |
| Pitch - Mating Interface       | 2.00mm                 |
| Pitch - Termination Interface  | 2.00mm                 |
| Plating min - Mating           | 2.000µm                |
| Plating min - Termination      | 2.000µm                |
| Polarized to Mating Part       | Yes                    |
| Polarized to PCB               | Yes                    |
| Shrouded                       | Yes                    |
| Stackable                      | No                     |
| Surface Mount Compatible (SMC) | Yes                    |



Series image - Reference only

**EU ELV**  
**Not Relevant**

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

|                 |               |
|-----------------|---------------|
| China ROHS      | Green Image   |
| ELV             | Not Relevant  |
| RoHS Phthalates | Not Contained |

**Search Parts in this Series**  
[151117](#) Series

**Mates With**  
Milli-Grid™ Receptacle Housing (Low-Halogen) [151192](#) <br>Milli-Grid™ Receptacle Housing [51110](#) <br>Milli-Grid™ PCB Receptacles [78787](#) , [78788](#) , [79107](#) , [79109](#)

|                                                |                                |
|------------------------------------------------|--------------------------------|
| Temperature Range - Operating                  | -55°C to +105°C                |
| Termination Interface: Style                   | Through Hole                   |
| <b>Electrical</b>                              |                                |
| Current - Maximum per Contact                  | 2.0A                           |
| Voltage - Maximum                              | 125V AC                        |
| <b>Solder Process Data</b>                     |                                |
| Duration at Max. Process Temperature (seconds) | 010                            |
| Lead-freeProcess Capability                    | SMC&WAVE                       |
| Max. Cycles at Max. Process Temperature        | 001                            |
| Process Temperature max. C                     | 260                            |
| <b>Material Info</b>                           |                                |
| <b>Reference - Drawing Numbers</b>             |                                |
| Packaging Specification                        | PK-151117-0001, PK-151117-3000 |
| Product Specification                          | PS-151117-0001-001             |
| Sales Drawing                                  | SD-151117-0001                 |

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