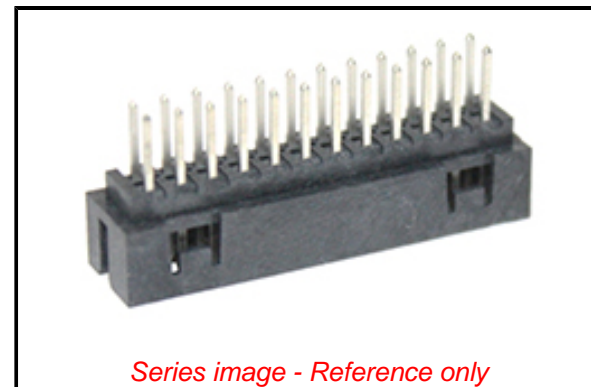


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [1511175010](#)  
**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, 4.60mm PC Tail Length, without Pick and Place Cap, 10 Circuits, Low-Halogen, Tube

**Documents:**

|  |  |
|--|--|
| <a href="#">Drawing (PDF)</a>                                  | <a href="#">Packaging Specification PK-151117-3000 (PDF)</a> |
| <a href="#">Product Specification PS-151117-0001-001 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>         |
| <a href="#">Packaging Specification PK-151117-0001 (PDF)</a>   | <a href="#">Product Literature (PDF)</a>                     |



*Series image - Reference only*

**Agency Certification**

|     |         |
|-----|---------|
| CSA | LR19980 |
| UL  | E29179  |

**General**

|                             |  |
|-----------------------------|--|
| 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                         | 889056812160                                 |

**Physical**

|                                |                        |
|--------------------------------|------------------------|
| Breakaway                      | No                     |
| Circuits (Loaded)              | 10                     |
| Circuits (maximum)             | 10                     |
| 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                     | 0.548/g                |
| Number of Rows                 | 2                      |
| Orientation                    | Vertical               |
| PC Tail Length                 | 4.60mm                 |
| PCB Locator                    | No                     |
| PCB Retention                  | None                   |
| PCB Thickness - Recommended    | 3.60mm                 |
| 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                    |

**EU ELV**

**Not Relevant**

**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](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    |

**Electrical**

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

**Solder Process Data**

|  |          |
|--|----------|
| Duration at Max. Process Temperature (seconds) | 011      |
| Lead-free Process Capability                   | SMC&WAVE |
| Max. Cycles at Max. Process Temperature        | 001      |
| Process Temperature max. C                     | 265      |

**Material Info****Reference - Drawing Numbers**

|                         |                                |
|-------------------------|--------------------------------|
| Packaging Specification | PK-151117-0001, PK-151117-3000 |
| Product Specification   | PS-151117-0001-001             |
| Sales Drawing           | SD-151117-0001                 |

This document was generated on 08/02/2017

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**