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**Part Number:** [1510621755](#)  
**Status:** **Active**  
**Overview:** [Milli-Grid™ Connector System](#)  
**Description:** 2.00mm Pitch Milli-Grid™ Header, Surface Mount, Single Row, Vertical, 0.75µm Gold (Au) Plating, with Peg, with Pick and Place Cap, 5 Circuits, Lead-free

**Documents:**

[Drawing \(PDF\)](#) [Packaging Specification PK-151062-0001 \(PDF\)](#)  
[Product Specification PS-151062-0001-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**General**

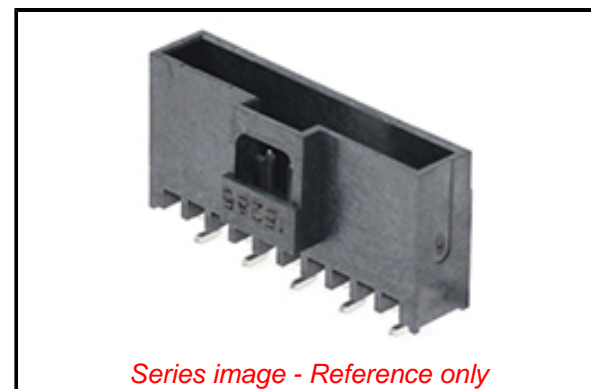
|                |  |
|----------------|--|
| Product Family | PCB Headers  |
| Series         | <a href="#">151062</a>   |
| Application    | Signal, Wire-to-Board  |
| Comments       | See Product Specification for maximum current rating by wire AWG |
| Overview       | <a href="#">Milli-Grid™ Connector System</a>                     |
| Product Name   | Milli-Grid™  |
| UPC            | 889056696128   |

**Physical**

|                                |                        |
|--------------------------------|------------------------|
| Breakaway                      | No                     |
| Circuits (Loaded)              | 5                      |
| Circuits (maximum)             | 5                      |
| Color - Resin                  | Black                  |
| Durability (mating cycles max) | 25                     |
| First Mate / Last Break        | No                     |
| Glow-Wire Compliant            | No                     |
| Guide to Mating Part           | No                     |
| Keying to Mating Part          | None                   |
| Lock to Mating Part            | Yes                    |
| Material - Metal               | Copper Alloy           |
| Material - Plating Mating      | Gold over Nickel       |
| Material - Plating Termination | Tin over Nickel        |
| Material - Resin               | Liquid Crystal Polymer |
| Net Weight                     | 557.890/mg             |
| Number of Rows                 | 1                      |
| Orientation                    | Vertical               |
| PCB Locator                    | Yes                    |
| PCB Retention                  | Yes                    |
| Packaging Type                 | Tube                   |
| Pitch - Mating Interface       | 2.00mm                 |
| Pitch - Termination Interface  | 2.00mm                 |
| Plating min - Mating           | 0.750µm                |
| Plating min - Termination      | 2.000µm                |
| Polarized to Mating Part       | Yes                    |
| Polarized to PCB               | Yes                    |
| Robotic Placement              | Pick and Place Cap     |
| Shrouded                       | Yes                    |
| Stackable                      | No                     |
| Surface Mount Compatible (SMC) | Yes                    |
| Temperature Range - Operating  | -40°C to +70°C         |
| Termination Interface: Style   | Surface Mount          |

**Electrical**

|                               |         |
|-------------------------------|---------|
| Current - Maximum per Contact | 2.5A    |
| Voltage - Maximum             | 125V AC |



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
-ED/01/2017 (12  
January 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**

[151062](#) Series

**Mates With**

Milli-Grid™ Receptacle Housing [151100](#)

**Solder Process Data**

|  |        |
|--|--------|
| Duration at Max. Process Temperature (seconds) | 005    |
| Lead-free Process Capability                   | REFLOW |
| Max. Cycles at Max. Process Temperature        | 001    |
| Process Temperature max. C                     | 260    |

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

|                         |                    |
|-------------------------|--------------------|
| Packaging Specification | PK-151062-0001     |
| Product Specification   | PS-151062-0001-001 |
| Sales Drawing           | SD-151062-0001     |

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