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**Part Number:** [1510633403](#)  
**Status:** **Active**  
**Overview:** [Milli-Grid™ Connector System](#)  
**Description:** 2.00mm Pitch Milli-Grid™ Header, Through Hole, Single Row, Vertical, 2.50µm Tin (Sn) Plating, without Peg, 2.60mm PC Tail Length, with Pick and Place Cap, 3 Circuits, Lead-free

**Documents:**  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-151062-0001 \(PDF\)](#)

|                                |                                                                  |
|--------------------------------|------------------------------------------------------------------|
| <b>Agency Certification</b>    |                                                                  |
| CSA                            | LR19980                                                          |
| UL                             | E29179                                                           |
| <b>General</b>                 |                                                                  |
| Product Family                 | PCB Headers                                                      |
| Series                         | <a href="#">151063</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                            | 889056697811                                                     |
| <b>Physical</b>                |                                                                  |
| Breakaway                      | No                                                               |
| Circuits (Loaded)              | 3                                                                |
| Circuits (maximum)             | 3                                                                |
| Color - Resin                  | Black                                                            |
| Durability (mating cycles max) | 25                                                               |
| First Mate / Last Break        | No                                                               |
| Flammability                   | 94V-0                                                            |
| 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      | Tin over Nickel                                                  |
| Material - Plating Termination | Tin over Nickel                                                  |
| Material - Resin               | Liquid Crystal Polymer                                           |
| Net Weight                     | 0.382/g                                                          |
| Number of Rows                 | 1                                                                |
| Orientation                    | Vertical                                                         |
| PC Tail Length                 | 2.60mm                                                           |
| PCB Locator                    | No                                                               |
| PCB Retention                  | None                                                             |
| PCB Thickness - Recommended    | 1.50mm                                                           |
| Packaging Type                 | Tube                                                             |
| Pitch - Mating Interface       | 2.00mm                                                           |
| Pitch - Termination Interface  | 2.00mm                                                           |
| Plating min - Mating           | 2.500µm                                                          |
| Plating min - Termination      | 2.000µm                                                          |
| Polarized to Mating Part       | Yes                                                              |
| Polarized to PCB               | Yes                                                              |
| Shrouded                       | Yes                                                              |
| Stackable                      | No                                                               |



Series image - Reference only

**EU ELV**  
**Compliant**

**EU RoHS** **China RoHS**  
**Compliant**  
**REACH SVHC**  
Not Contained Per  
-ED/79/2015 (17  
December 2015)  
**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      Compliant

**Search Parts in this Series**  
[151063](#) Series

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

|                                                |                |
|------------------------------------------------|----------------|
| Surface Mount Compatible (SMC)                 | No             |
| Temperature Range - Operating                  | -40°C to +70°C |
| Termination Interface: Style                   | Through Hole   |
| <b>Electrical</b>                              |                |
| Current - Maximum per Contact                  | 2.5A           |
| Voltage - Maximum                              | 125V AC        |
| <b>Solder Process Data</b>                     |                |
| Duration at Max. Process Temperature (seconds) | 010            |
| Lead-freeProcess Capability                    | WAVE           |
| Max. Cycles at Max. Process Temperature        | 001            |
| Process Temperature max. C                     | 260            |
| <b>Material Info</b>                           |                |
| <b>Reference - Drawing Numbers</b>             |                |
| Product Specification                          | PS-151062-0001 |
| Sales Drawing                                  | SD-151063-0001 |

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