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**Part Number:** [1510621610](#)  
**Status:** **Active**  
**Overview:** [Milli-Grid™ Connector System](#)  
**Description:** 2.00mm Pitch Milli-Grid™ Header, Surface Mount, Single Row, Vertical, 0.38µm Gold (Au) Plating, without Peg, with Pick and Place Cap, 10 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**

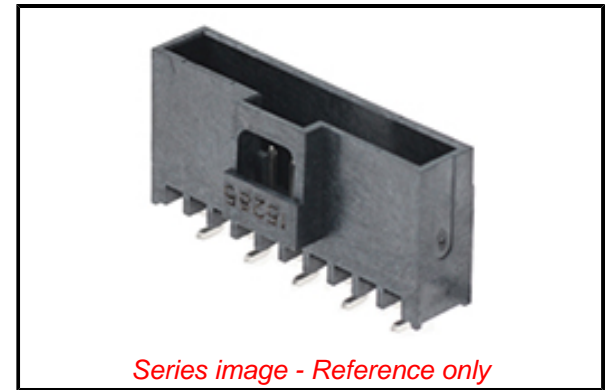
Product Family      PCB Headers  
Series      [151062](#)  
Application      Signal, Wire-to-Board  
Comments      See Product Specification for maximum current rating by wire AWG  
Overview      [Milli-Grid™ Connector System](#)  
Product Name      Milli-Grid™  
UPC      889056695923

**Physical**

Breakaway      No  
Circuits (Loaded)      10  
Circuits (maximum)      10  
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      928.430/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      0.380µm  
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**

**China RoHS**

**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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