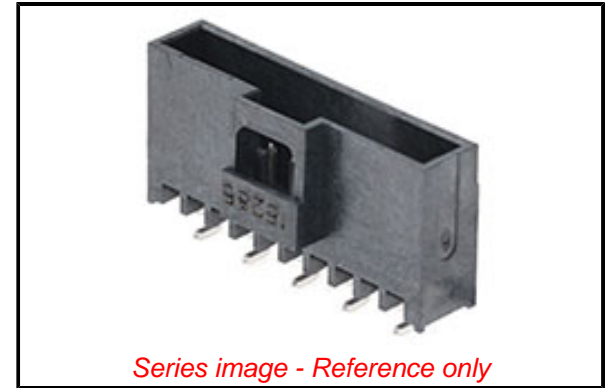


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [1510621359](#)  
**Status:** **Active**  
**Overview:** [Milli-Grid Connector System](#)  
**Description:** 2.00mm Pitch, Milli-Grid PCB Header, Single Row, Vertical, Surface Mount, 0.75µm Gold (Au) Plating, with Peg, without Pick and Place Cap, 9 Circuits, Tube

**Documents:**

<a href="#">Drawing (PDF)</a>	<a href="#">Application Specification 503940001-AS-000 (PDF)</a>
<a href="#">3D Model</a>	<a href="#">Packaging Specification PK-151062-0001-001 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification PS-151062-0001-001 (PDF)</a>	



**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	889056642873

**Physical**

Breakaway	No
Circuits (Loaded)	9
Circuits (maximum)	9
Color - Resin	Black
Durability (mating cycles max)	25
First Mate / Last Break	No
Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	Liquid Crystal Polymer
Net Weight	869.802/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
Shrouded	Yes
Stackable	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-40° to +70°C
Termination Interface: Style	Surface Mount

**Electrical**

Current - Maximum per Contact	2.5A
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**EU ELV**

**Compliant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2020)4578-DC (25  
June 2020)

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Compliant

Not Contained

**Search Parts in this Series**

[151062](#) Series

**Mates With**

Milli-Grid Receptacle Housing [151100](#)

Voltage - Maximum 125V AC

**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**

Application Specification 503940001-AS-000

Packaging Specification PK-151062-0001-001

Product Specification PS-151062-0001-001

Sales Drawing SD-151062-0001

This document was generated on 10/21/2020

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