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Part Number: **1510621604**
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, 4 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

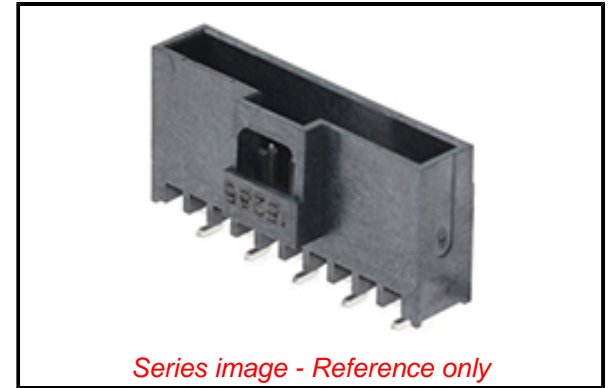
Product Family	PCB Headers
Series	<u>151062</u>
Application	Signal, Wire-to-Board
Comments	See Product Specification for maximum current rating by wire AWG
Overview	<u>Milli-Grid™ Connector System</u>
Product Name	Milli-Grid™
UPC	889056695862

Physical

Breakaway	No
Circuits (Loaded)	4
Circuits (maximum)	4
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	458.772/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



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
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

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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