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Part Number: [1510621104](#)
Status: **Active**
Overview: [Milli-Grid™ Connector System](#)
Description: 2.00mm Pitch Milli-Grid™ Header, Surface Mount, Single Row, Vertical, 0.05µm Gold (Au) Plating, without Peg, without 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 \(PDF\)](#)

Agency Certification

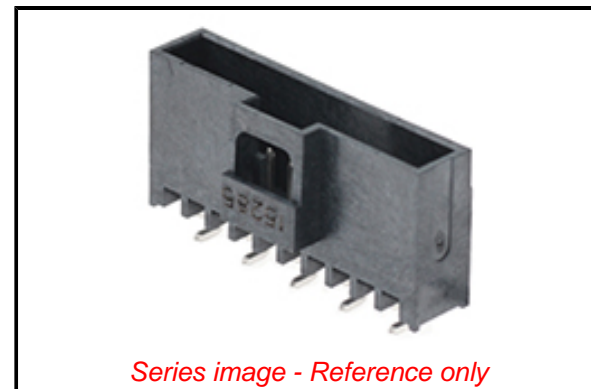
CSA LR19980
 UL E29179

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 889056642415

Physical

Breakaway No
 Circuits (Loaded) 4
 Circuits (maximum) 4
 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 Gold over Nickel
 Material - Plating Termination Tin over Nickel
 Material - Resin Liquid Crystal Polymer
 Net Weight 458.652/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 0.050µm
 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°C to +70°C
 Termination Interface: Style Surface Mount



Series image - Reference only

EU ELV

Compliant

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 Green Image
 ELV Compliant
 RoHS Phthalates Not Contained

Search Parts in this Series

[151062 Series](#)

Mates With

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

Electrical

Current - Maximum per Contact	2.5A
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**

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

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