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Part Number:

1510621109

Status:

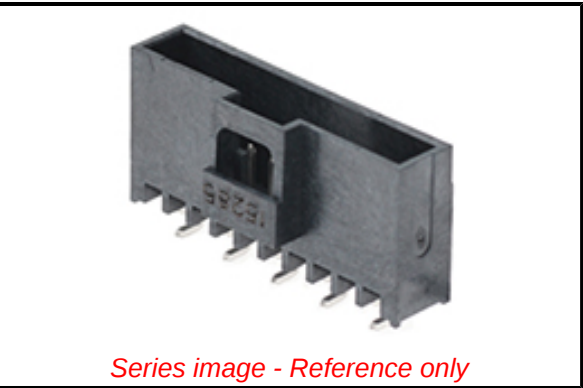
Active

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, 9 Circuits, Lead-free



Documents:

[Drawing \(PDF\)](#)

[Product Specification PS-151062-0001-001 \(PDF\)](#)

[Packaging Specification PK-151062-0001 \(PDF\)](#)

[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                            | 889056642460                                                     |
| Physical                       |                                                                  |
| Breakaway                      | No                                                               |
| Circuits (Loaded)              | 9                                                                |
| Circuits (maximum)             | 9                                                                |
| 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                     | 850.217/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                                                    |

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](mailto:productcompliance@molex.com)

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

China ROHS

ELV

RoHS Phthalates

Green Image

Compliant

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-freeProcess 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     |

This document was generated on 06/30/2017

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