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Part Number:

1510633105

Status:

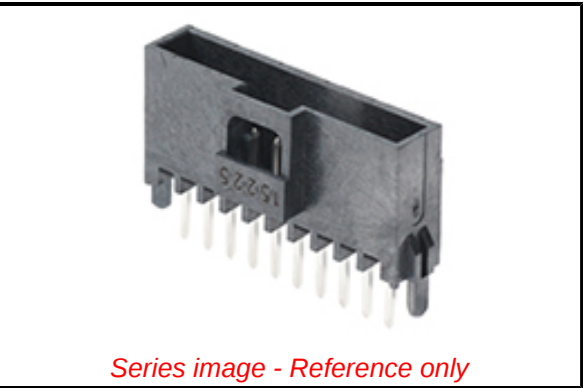
Active

Overview:

Milli-Grid™ Connector System

Description:

2.00mm Pitch Milli-Grid™ Header, Through Hole, Single Row, Vertical, 0.05µm Gold (Au) Plating, without Peg, 2.60mm PC Tail Length, without Pick and Place Cap, 5 Circuits, Lead-free



Documents:

[Drawing \(PDF\)](#)

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

[RoHS Certificate of Compliance \(PDF\)](#)

|                                |                                                                  |
|--------------------------------|------------------------------------------------------------------|
| Agency Certification           |                                                                  |
| CSA                            | LR19980                                                          |
| UL                             | E29179                                                           |
| General                        |                                                                  |
| Product Family                 | PCB Headers                                                      |
| Series                         | 151063                                                           |
| 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                            | 889056655255                                                     |
| Physical                       |                                                                  |
| Breakaway                      | No                                                               |
| Circuits (Loaded)              | 5                                                                |
| Circuits (maximum)             | 5                                                                |
| 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                     | 537.565/mg                                                       |
| Number of Rows                 | 1                                                                |
| Orientation                    | Vertical                                                         |
| PC Tail Length                 | 2.60mm                                                           |
| PCB Locator                    | No                                                               |
| PCB Retention                  | None                                                             |
| PCB Thickness - Recommended    | 1.50mm                                                           |
| 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                                                               |

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

Green Image

ELV

Compliant

RoHS Phthalates

Not Contained

Search Parts in this Series

151063 Series

Mates With

Milli-Grid™ Receptacle Housing 151100

|                                                |                    |
|------------------------------------------------|--------------------|
| Surface Mount Compatible (SMC)                 | No                 |
| Temperature Range - Operating                  | -40°C to +70°C     |
| Termination Interface: Style                   | Through Hole       |
| <b>Electrical</b>                              |                    |
| Current - Maximum per Contact                  | 2.5A               |
| Voltage - Maximum                              | 125V AC            |
| <b>Solder Process Data</b>                     |                    |
| Duration at Max. Process Temperature (seconds) | 010                |
| Lead-freeProcess Capability                    | WAVE               |
| Max. Cycles at Max. Process Temperature        | 001                |
| Process Temperature max. C                     | 260                |
| <b>Material Info</b>                           |                    |
| <b>Reference - Drawing Numbers</b>             |                    |
| Product Specification                          | PS-151062-0001-001 |
| Sales Drawing                                  | SD-151063-0001     |

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