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Part Number:

1511173012

Status:

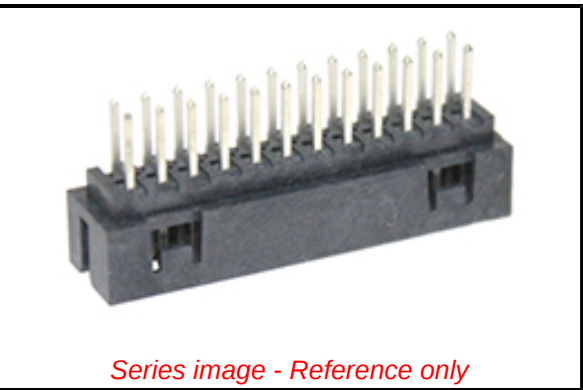
Active

Overview:

Milli-Grid Connector System

Description:

2.00mm Pitch, Milli-Grid PCB Header, Dual Row, Vertical, Through Hole, 2.00µm Tin (Sn) Plating, without Peg, 2.60mm PC Tail Length, without Pick and Place Cap, 12 Circuits, Low-Halogen, Tube



|                                                                |                                                                  |
|----------------------------------------------------------------|------------------------------------------------------------------|
| Documents:                                                     |                                                                  |
| <a href="#">3D Model</a>                                       | <a href="#">Packaging Specification PK-151117-0001-001 (PDF)</a> |
| <a href="#">Drawing (PDF)</a>                                  | <a href="#">Packaging Specification PK-151117-3000 (PDF)</a>     |
| <a href="#">Product Specification PS-151117-0001-001 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>             |

|                                |                                       |
|--------------------------------|---------------------------------------|
| Agency Certification           |                                       |
| CSA                            | LR19980                               |
| UL                             | E29179                                |
| General                        |                                       |
| Product Family                 | PCB Headers                           |
| Series                         | 151117                                |
| 3D Viewer                      | Yes                                   |
| Application                    | Board-to-Board, Signal, Wire-to-Board |
| CURRENT-MAX-NUMERIC            | 2.0                                   |
| Datasheet Order No             | 987651-5501                           |
| Overview                       | Milli-Grid Connector System           |
| PITCH-MATING-NUMERIC           | 2.00                                  |
| Product Name                   | Milli-Grid                            |
| UPC                            | 889056806497                          |
| Physical                       |                                       |
| Breakaway                      | No                                    |
| Circuits (Loaded)              | 12                                    |
| Circuits (maximum)             | 12                                    |
| Color - Resin                  | Black                                 |
| First Mate / Last Break        | No                                    |
| Flammability                   | 94V-0                                 |
| Glow-Wire Capable              | Yes                                   |
| Guide to Mating Part           | No                                    |
| Keying to Mating Part          | None                                  |
| Lock to Mating Part            | Yes                                   |
| Material - Metal               | Copper Alloy                          |
| Material - Plating Mating      | Tin over Nickel                       |
| Material - Plating Termination | Tin over Nickel                       |
| Material - Resin               | Liquid Crystal Polymer                |
| Net Weight                     | 0.587/g                               |
| Number of Rows                 | 2                                     |
| Orientation                    | Vertical                              |
| PC Tail Length                 | 2.60mm                                |
| PCB Locator                    | No                                    |
| PCB Retention                  | None                                  |
| PCB Thickness - Recommended    | 1.60mm                                |
| Packaging Type                 | Tube                                  |
| Pitch - Mating Interface       | 2.00mm                                |
| Pitch - Termination Interface  | 2.00mm                                |
| Plating min - Mating           | 2.000µm                               |
| Plating min - Termination      | 2.000µm                               |
| Polarized to Mating Part       | Yes                                   |
| Polarized to PCB               | Yes                                   |

|                                                               |               |
|---------------------------------------------------------------|---------------|
| EU ELV                                                        |               |
| Not Relevant                                                  |               |
| EU RoHS                                                       | China RoHS    |
| Compliant                                                     |               |
| REACH SVHC                                                    |               |
| Not Contained Per -ED/88/2018 (15 January 2019)               |               |
| Halogen-Free                                                  |               |
| Status                                                        |               |
| Low-Halogen                                                   |               |
| For more information, please visit <a href="#">Contact US</a> |               |
| China ROHS                                                    | Green Image   |
| ELV                                                           | Not Relevant  |
| RoHS Phthalates                                               | Not Contained |

Search Parts in this Series

151117 Series

Mates With

Milli-Grid Receptacle Housing (Low-Halogen) [151192](#) <br>Milli-Grid Receptacle Housing [51110](#) <br>Milli-Grid PCB Receptacles [78787](#) , [78788](#) , [79107](#) , [79109](#)

|                                                |                                    |
|------------------------------------------------|------------------------------------|
| Robotic Placement                              | None                               |
| Shrouded                                       | Yes                                |
| Stackable                                      | No                                 |
| Surface Mount Compatible (SMC)                 | Yes                                |
| Temperature Range - Operating                  | -55° to +105°C                     |
| Termination Interface: Style                   | Through Hole                       |
| <b>Electrical</b>                              |                                    |
| Current - Maximum per Contact                  | 2.0A                               |
| Voltage - Maximum                              | 125V AC                            |
| <b>Solder Process Data</b>                     |                                    |
| Duration at Max. Process Temperature (seconds) | 011                                |
| Lead-freeProcess Capability                    | SMC&WAVE                           |
| Max. Cycles at Max. Process Temperature        | 001                                |
| Process Temperature max. C                     | 265                                |
| <b>Material Info</b>                           |                                    |
| <b>Reference - Drawing Numbers</b>             |                                    |
| Packaging Specification                        | PK-151117-0001-001, PK-151117-3000 |
| Product Specification                          | PS-151117-0001-001                 |
| Sales Drawing                                  | SD-151117-0001-001                 |

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