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**Part Number:** 1511174414

**Status:** Active

**Overview:** Milli-Grid™ Connector System

**Description:** 2.00mm Pitch Milli-Grid™ Header, Through Hole, Dual Row, Vertical, 2.00µm Tin (Sn) Plating, without Peg, 3.60mm PC Tail Length, with Pick and Place Cap, 14 Circuits, Low-Halogen, Tube



*Series image - Reference only*

**Documents:**

Drawing (PDF)
Product Specification PS-151117-0001-001 (PDF)
Packaging Specification PK-151117-0001 (PDF)
Packaging Specification PK-151117-3000 (PDF)
RoHS Certificate of Compliance (PDF)
Product Literature (PDF)

**Agency Certification**

| | |
|---|---|
| CSA | LR19980 |
| UL | E29179 |

**General**

| | |
|---|---|
| Product Family | PCB Headers |
| Series | 151117 |
| Application | Board-to-Board, Signal, Wire-to-Board |
| Overview | Milli-Grid™ Connector System |
| Product Literature Order No | 987651-5501 |
| Product Name | Milli-Grid™ |
| UPC | 889056810586 |

**Physical**

| | |
|---|---|
| Breakaway | No |
| Circuits (Loaded) | 14 |
| Circuits (maximum) | 14 |
| Color - Resin | Black |
| First Mate / Last Break | No |
| Flammability | 94V-0 |
| Glow-Wire Compliant | Under Evaluation |
| 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 | 0.700/g |
| Number of Rows | 2 |
| Orientation | Vertical |
| PC Tail Length | 3.60mm |
| PCB Locator | No |
| PCB Retention | None |
| PCB Thickness - Recommended | 2.60mm |
| 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 |
| Shrouded | Yes |
| Stackable | No |
| Surface Mount Compatible (SMC) | Yes |

**EU ELV**
**Not Relevant**

**EU RoHS** **China RoHS**
**Compliant**

**REACH SVHC**
Not Contained Per - ED/30/2017 (7 July 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 | 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

| | |
|---|---|
| Temperature Range - Operating | -55°C to +105°C |
| Termination Interface: Style | Through Hole |

**Electrical**

| | |
|---|---|
| Current - Maximum per Contact | 2.0A |
| Voltage - Maximum | 125V AC |

**Solder Process Data**

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|---|---|
| Duration at Max. Process Temperature (seconds) | 010 |
| Lead-freeProcess Capability | SMC&WAVE |
| Max. Cycles at Max. Process Temperature | 001 |
| Process Temperature max. C | 260 |

**Material Info**

**Reference - Drawing Numbers**

| | |
|---|---|
| Packaging Specification | PK-151117-0001, PK-151117-3000 |
| Product Specification | PS-151117-0001-001 |
| Sales Drawing | SD-151117-0001 |