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**Part Number:** [1511173098](#)  
**Status:** **Active**  
**Overview:** [Milli-Grid™ Connector System](#)  
**Description:** 2.00mm Pitch Milli-Grid™ Header, Through Hole, Dual Row, Vertical, 2.00µm Tin (Sn) Plating, with Peg, 2.60mm PC Tail Length, without Pick and Place Cap, 48 Circuits, Low-Halogen, Tube

**Documents:**

[Drawing \(PDF\)](#) [Packaging Specification PK-151117-3000 \(PDF\)](#)  
[Product Specification PS-151117-0001-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Packaging Specification PK-151117-0001 \(PDF\)](#)

**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 Name Milli-Grid™  
 UPC 889056806916

**Physical**

Breakaway No  
 Circuits (Loaded) 48  
 Circuits (maximum) 48  
 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 2.070/g  
 Number of Rows 2  
 Orientation Vertical  
 PC Tail Length 2.60mm  
 PCB Locator No  
 PCB Retention Yes  
 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  
 Shrouded Yes  
 Stackable No  
 Surface Mount Compatible (SMC) Yes  
 Temperature Range - Operating -55°C to +105°C



**EU ELV**

**Not Relevant**

**EU 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](mailto: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](#)

Termination Interface: Style Through Hole

**Electrical**

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

**Solder Process Data**

Duration at Max. Process Temperature (seconds) 011  
Lead-freeProcess Capability SMC&WAVE  
Max. Cycles at Max. Process Temperature 001  
Process Temperature max. C 265

**Material Info**

**Reference - Drawing Numbers**

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

This document was generated on 08/01/2017

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