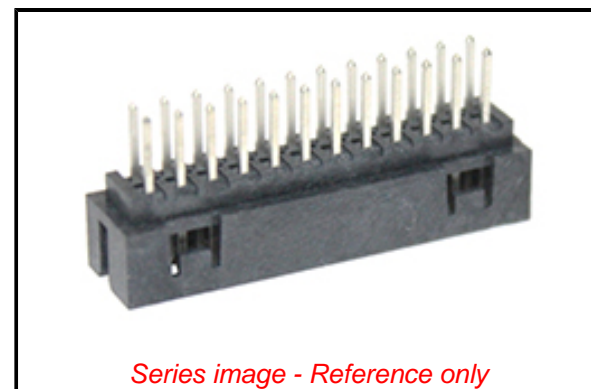


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Part Number: [1511175016](#)
Status: **Active**
Overview: [Milli-Grid™ Connector System](#)
Description: 2.00mm Pitch Milli-Grid™ Header, Through Hole, Dual Row, Vertical, 2.00µm Tin (Sn) Plating, without Peg, 4.60mm PC Tail Length, without Pick and Place Cap, 16 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) | 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 | 889056812191 |

Physical

| | |
|--------------------------------|------------------------|
| Breakaway | No |
| Circuits (Loaded) | 16 |
| Circuits (maximum) | 16 |
| 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 | 0.822/g |
| Number of Rows | 2 |
| Orientation | Vertical |
| PC Tail Length | 4.60mm |
| PCB Locator | No |
| PCB Retention | None |
| PCB Thickness - Recommended | 3.60mm |
| 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

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](#)
Milli-Grid™ Receptacle Housing [51110](#)
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

Duration at Max. Process Temperature (seconds) 011
Lead-free Process 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 07/27/2017

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