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Part Number: [1511173040](#)
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, 2.60mm PC Tail Length, without Pick and Place Cap, 40 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 889056806633

Physical

Breakaway No
 Circuits (Loaded) 40
 Circuits (maximum) 40
 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 1.741/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
 Shrouded Yes
 Stackable No
 Surface Mount Compatible (SMC) Yes
 Temperature Range - Operating -55°C to +105°C



Series image - Reference only

EU ELV

Not Relevant

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
 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](#)

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

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