



Part Number : [1511174528](#)

**Product Description :** 2.00mm Pitch, Milli-Grid PCB Header, Dual Row, Vertical, Through Hole, 0.05µm Gold (Au) Plating, without Peg, 3.60mm PC Tail Length, with Pick and Place Cap, 28 Circuits, Glow-Wire Capable, Tube

Series Number : 151117

Status : Active

Product Category : PCB Headers and Receptacles

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## Documents & Resources

### Drawings

[Drawing 1511174528\\_sd.pdf](#)

[Packaging Design Drawing PK-151117-0001-001.pdf](#)

[Packaging Design Drawing PK-151117-3000-001.pdf](#)

### 3D Models and Design Files

[3D Model 1511174528\\_stp.zip](#)

### Specifications

[Application Specification 503940001-AS-000.pdf](#)

[Application Specification 503940002-AS-000.pdf](#)

[Product Specification PS-151117-0001-001.pdf](#)

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## Product Environment Compliance

### Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Compliant per 2000/53/EC
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)4144-DC (27 June 2024)
EU RoHS	Compliant per EU 2015/863

### Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

### Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

EU RoHS Certificate of Compliance

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## Part Details

### General

Status	Active
Category	PCB Headers and Receptacles
Series	151117
Description	2.00mm Pitch, Milli-Grid PCB Header, Dual Row, Vertical, Through Hole, 0.05µm Gold (Au) Plating, without Peg, 3.60mm PC Tail Length, with Pick and Place Cap, 28 Circuits, Glow-Wire Capable, Tube
Application	Board-to-Board, Signal, Wire-to-Board
Component Type	PCB Header
Product Family	Milli-Grid Connector System
Product Name	Milli-Grid
UPC	889056835091

### Agency

CSA	LR19980
UL	E29179

### Electrical

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

### Physical

Breakaway	No
Circuits (Loaded)	28
Circuits (maximum)	28

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	Gold
Material - Plating Termination	Tin
Material - Resin	Liquid Crystal Polymer
Net Weight	1.299/g
Number of Rows	2
Orientation	Vertical
Packaging Type	Tube
PC Tail Length	3.60mm
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	2.60mm
Pitch - Mating Interface	2.00mm
Pitch - Termination Interface	2.00mm
Plating min - Mating	0.050µm
Plating min - Termination	2.000µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Robotic Placement	Pick and Place Cap
Shrouded	Yes
Stackable	No
Temperature Range - Operating	-55° to +105°C
Termination Interface Style	Through Hole

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## Mates With / Use With

### Mates with Part(s)

Description	Part Number
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Milli-Grid Dual Row Receptacle Housings	<u>151192</u>
Milli-Grid Dual Row Receptacle Housings	<u>51110</u>
Milli-Grid Vertical Through Hole PCB Receptacles	<u>78787</u>
Milli-Grid Top Entry Surface Mount PCB Receptacles	<u>78788</u>
Milli-Grid Vertical Through Hole PCB Receptacles	<u>79107</u>
Milli-Grid Top/Bottom Entry Surface Mount PCB Receptacles	<u>79109</u>

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This document was generated on Sep 17, 2024