



Part Number : 1511193228

**Product Description** : 2.00mm Pitch, Milli-Grid PCB Header, Dual Row, Right-Angle, Through Hole, 0.38µm Gold (Au) Plating, without Peg, 2.60mm PC Tail Length, without Pick and Place Tape, 28 Circuits, Glow-Wire Capable, Tube

Series Number : 151119

Status : Active

Product Category : PCB Headers and Receptacles

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## Documents & Resources

### Drawings

Drawing 1511193228\_sd.pdf

Packaging Design Drawing PK-151119-0001-001.pdf

Packaging Design Drawing PK-151119-3000-001.pdf

### 3D Models and Design Files

3D Model 1511193228\_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	Compliant with Exemption 44; 34; 33
China RoHS	
EU ELV	Not Relevant
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	151119
Description	2.00mm Pitch, Milli-Grid PCB Header, Dual Row, Right-Angle, Through Hole, 0.38µm Gold (Au) Plating, without Peg, 2.60mm PC Tail Length, without Pick and Place Tape, 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	889056752848

#### 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	1.473/g
Number of Rows	2
Orientation	Right Angle
Packaging Type	Tube
PC Tail Length	2.60mm
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.60mm
Pitch - Mating Interface	2.00mm
Pitch - Termination Interface	2.00mm
Plating min - Mating	0.380µm
Plating min - Termination	2.000µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Yes
Stackable	No
Temperature Range - Operating	-55° to +105°C
Termination Interface Style	Through Hole

#### Solder Process Data

Max-Duration	10
Lead-Free Process Capability	SMC&WAVE
Max-Cycle	1

Max-Temp	260
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## Mates With / Use With

### Mates with Part(s)

Description	Part Number
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>