

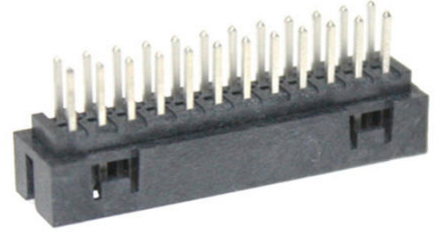
Part Number : [1511173054](#)

Product Description : 2.00mm Pitch, Milli-Grid PCB Header, Dual Row, Vertical, Through Hole, 2.00µm Tin (Sn) Plating, with Peg, 2.60mm PC Tail Length, 4 Circuits, Glow-Wire Capable, Tube

Series Number : 151117

Status : Active

Product Category : PCB Headers and Receptacles



Documents and Resources

Drawings

[1511173054 sd.pdf](#)

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

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

3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

[Symbol and Footprint \(Multi-Format\)](#)

Specifications


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

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

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

Product Environment Compliance

Compliance

| | |
|--------------------|---|
| GADSL/IMDS | Not Relevant |
| China RoHS |  per SJ/T 11365-2006 |
| EU ELV | Not Relevant |
| Low-Halogen Status | Low-Halogen per IEC 61249-2-21 |
| REACH SVHC | Not Contained per D(2025)7771-DC (04 Feb 2026) |

| | |
|---------|---------------------------|
| EU RoHS | Compliant per EU 2015/863 |
|---------|---------------------------|

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

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

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

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, 2.00µm Tin (Sn) Plating, with Peg, 2.60mm PC Tail Length, 4 Circuits, Glow-Wire Capable, Tube |
| Application | Board-to-Board, Signal, Wire-to-Board |
| Component Type | PCB Header |
| Product Name | Milli-Grid |
| UPC | 889056806695 |

Agency

| | |
|-----|---------|
| CSA | LR19980 |
| UL | E29179 |

Electrical

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

Physical

| | |
|--------------------------------|------------------------------|
| Breakaway | No |
| Circuits (Loaded) | 4 |
| Circuits (maximum) | 4 |
| Color - Resin | Black |
| First Mate / Last Break | No |
| Flammability | 94V-0 |
| Glow-Wire Capable | Yes |
| Guide to Mating Part | No |
| Keying to Mating Part | No |
| Lock to Mating Part | Yes |
| Material - Metal | Copper Alloy |
| Material - Plating Mating | Tin |
| Material - Plating Termination | Tin |
| Material - Resin | Liquid Crystal Polymer (LCP) |
| Net Weight | 0.257/g |
| Number of Rows | 2 |
| Orientation | Vertical |
| Packaging Type | Tube |
| PCB Locator | Yes |
| PCB Retention | Yes |
| PCB Thickness - Recommended | 1.60mm |
| PC Tail Length | 2.60mm |
| 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 |
| Robotic Placement | None |
| Shrouded | Shrouded |

| | |
|-------------------------------|----------------|
| Stackable | No |
| Temperature Range - Operating | -55° to +105°C |
| Termination Interface Style | Through Hole |

Solder Process Data

| | |
|------------------------------|----------|
| Max-Duration | 11 |
| Lead-Free Process Capability | SMC&WAVE |
| Max-Cycle | 1 |
| Max-Temp | 265 |

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> |

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