



Part Number : [1510653157](#)

Product Description : 2.00mm Pitch, Milli-Grid PCB Header, Single Row, Right-Angle, Through Hole, 0.05µm Gold (Au) Plating, with Peg, 2.60mm PC Tail Length, 7 Circuits, Tube

Series Number : 151065

Status : Active

Product Category : PCB Headers and Receptacles

Documents & Resources

Drawings

[Drawing 1510653157_sd.pdf](#)

[Packaging Design Drawing PK-151062-0001-001.pdf](#)

3D Models and Design Files

[3D Model 1510653157_stp.zip](#)

Specifications

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

[Product Specification PS-151062-0001-001.pdf](#)

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

Part Details

General

| | |
|----------------|---|
| Status | Active |
| Category | PCB Headers and Receptacles |
| Series | 151065 |
| Description | 2.00mm Pitch, Milli-Grid PCB Header, Single Row, Right-Angle, Through Hole, 0.05µm Gold (Au) Plating, with Peg, 2.60mm PC Tail Length, 7 Circuits, Tube |
| Application | Signal, Wire-to-Board |
| Comments | See Product Specification for maximum current rating by wire AWG |
| Component Type | PCB Header |
| Product Family | Milli-Grid Connector System |
| Product Name | Milli-Grid |
| UPC | 889056634014 |

Agency

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

Electrical

| | |
|-------------------------------|---------|
| Current - Maximum per Contact | 2.5A |
| Voltage - Maximum | 125V AC |

Physical

| | |
|--------------------|-------|
| Breakaway | No |
| Circuits (Loaded) | 7 |
| Circuits (maximum) | 7 |
| Color - Resin | Black |

| | |
|--------------------------------|------------------------|
| Durability (mating cycles max) | 25 |
| First Mate / Last Break | No |
| Flammability | 94V-0 |
| Glow-Wire Capable | No |
| 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 | 0.747/g |
| Number of Rows | 1 |
| Orientation | Right Angle |
| Packaging Type | Tube |
| PC Tail Length | 2.60mm |
| PCB Locator | Yes |
| PCB Retention | None |
| PCB Thickness - Recommended | 1.50mm |
| 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 |
| Shrouded | Yes |
| Stackable | No |
| Temperature Range - Operating | -40° to +70°C |
| Termination Interface Style | Through Hole |

Solder Process Data

| | |
|------------------------------|------|
| Max-Duration | 10 |
| Lead-Free Process Capability | WAVE |
| Max-Cycle | 1 |
| Max-Temp | 260 |

Mates With / Use With

Mates with Part(s)

| Description | Part Number |
|---|---------------|
| Milli-Grid Single Row Receptacle Housings | <u>151100</u> |

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