Part Number : 1510633460

Product Description : 2.00mm Pitch, Milli-Grid PCB Header, Single Row, Vertical, Through Hole, 2.50µm Tin (Sn) Plating, with Peg, 2.60mm PC Tail Length, with Pick and Place Cap, 10 Circuits, Tube

Series Number : 151063

Status : Active

Product Category : PCB Headers and Receptacles

## Documents & Resources

### Drawings

Drawing 1510633460_sd.pdf

Packaging Design Drawing PK-151062-0001-001.pdf

### 3D Models and Design Files

3D Model 1510633460_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 | 151063 |
| Description | 2.00mm Pitch, Milli-Grid PCB Header, Single Row, Vertical, Through Hole, 2.50µm Tin (Sn) Plating, with Peg, 2.60mm PC Tail Length, with Pick and Place Cap, 10 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 | 889056697972 |

### Agency

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

### Electrical

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

### Physical

| | |
|---|---|
| Breakaway | No |
| Circuits (Loaded) | 10 |
| Circuits (maximum) | 10 |

| | |
|---|---|
| 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 | Tin |
| Material - Plating Termination | Tin |
| Material - Resin | Liquid Crystal Polymer |
| Net Weight | 0.951/g |
| Number of Rows | 1 |
| Orientation | Vertical |
| Packaging Type | Tube |
| PC Tail Length | 2.60mm |
| PCB Locator | No |
| PCB Retention | None |
| PCB Thickness - Recommended | 1.50mm |
| Pitch - Mating Interface | 2.00mm |
| Pitch - Termination Interface | 2.00mm |
| Plating min - Mating | 2.500µm |
| 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 | 151100 |

# Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

## molex:

447641402 447642001 759001161 151660057 152670251 190690096 190990009 417920538 439151216
0190700155 430450225 444280402 0190690033 0436400901 152660117 190670071 430451220
0436802002 190730231 398800403 760475001 152670269 447691602 5046940301 151670255
152670357 397730002 459705185 190990010 436803002