Part Number : 1510635010

Product Description : 2.00mm Pitch, Milli-Grid PCB Header, Single Row, Vertical, Through Hole, 2.50µm Tin (Sn) Plating, without Peg, 4.60mm PC Tail Length, without Pick and Place Cap, 10 Circuits, Tube

Series Number : 151063

Status : Active

Product Category : PCB Headers and Receptacles

Documents & Resources

Drawings

Drawing 1510635010_sd.pdf

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

3D Models and Design Files

3D Model 1510635010_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, without Peg, 4.60mm PC Tail Length, without 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	889056657341

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	0.974/g
Number of Rows	1
Orientation	Vertical
Packaging Type	Tube
PC Tail Length	4.60mm
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	3.50mm
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:

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