Part Number : 1511174566

Product Description : 2.00mm Pitch, Milli-Grid PCB Header, Dual Row, Vertical, Through Hole, 0.05µm Gold (Au) Plating, with Peg, 3.60mm PC Tail Length, with Pick and Place Cap, 16 Circuits, Glow-Wire Capable, Tube

Series Number : 151117

Status : Active

Product Category : PCB Headers and Receptacles

Documents & Resources

Drawings

Drawing 1511174566_sd.pdf
Packaging Design Drawing PK-151117-0001-001.pdf
Packaging Design Drawing PK-151117-3000-001.pdf

3D Models and Design Files

3D Model 1511174566_stp.zip

Specifications

Application Specification 503940001-AS-000.pdf
Application Specification 503940002-AS-000.pdf
Product Specification PS-151117-0001-001.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	151117
Description	2.00mm Pitch, Milli-Grid PCB Header, Dual Row, Vertical, Through Hole, 0.05µm Gold (Au) Plating, with Peg, 3.60mm PC Tail Length, with Pick and Place Cap, 16 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	889056835442

Agency

CSA	LR19980
UL	E29179

Electrical

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

Physical

Breakaway	No
Circuits (Loaded)	16
Circuits (maximum)	16
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	0.783/g
Number of Rows	2
Orientation	Vertical
Packaging Type	Tube
PC Tail Length	3.60mm
PCB Locator	No
PCB Retention	Yes
PCB Thickness - Recommended	2.60mm
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
Robotic Placement	Pick and Place Cap
Shrouded	Yes
Stackable	No
Temperature Range - Operating	-55° to +105°C
Termination Interface Style	Through Hole

Mates With / Use With

Mates with Part(s)

Description	Part Number

Milli-Grid Dual Row Receptacle Housings	151192
Milli-Grid Dual Row Receptacle Housings	51110
Milli-Grid Vertical Through Hole PCB Receptacles	78787
Milli-Grid Top Entry Surface Mount PCB Receptacles	78788
Milli-Grid Vertical Through Hole PCB Receptacles	79107
Milli-Grid Top/Bottom Entry Surface Mount PCB Receptacles	79109