Part Number : 1510133204

Product Description : 2.00mm Pitch, Milli-Grid BMI PCB Header, Dual Row, Vertical, Through Hole, 4 Circuits, 0.38µm Gold (Au) Plating, 3.00mm Tail Length, Tube, Lead-Free

Series Number : 151013

Status : Active

Product Category : PCB Headers and Receptacles

Documents & Resources

Drawings

Drawing_1510133204_sd.pdf

Packaging Design Drawing_PK-151013-0001-001.pdf

3D Models and Design Files

3D Model_1510133204_stp.zip

Specifications

Application Specification_503940002-AS-000.pdf

Product Specification_PS-151013-0001-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 34; 33
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(2023)8585-DC (23 Jan 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	151013
Description	2.00mm Pitch, Milli-Grid BMI PCB Header, Dual Row, Vertical, Through Hole, 4 Circuits, 0.38µm Gold (Au) Plating, 3.00mm Tail Length, Tube, Lead-Free
Application	Panel-to-Board, Signal, Wire-to-Board
Component Type	PCB Header
Product Family	Milli-Grid Connector System
Product Name	Milli-Grid BMI
UPC	889056561785

Agency

CSA	LR19980
UL	E29179

Electrical

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

Physical

Breakaway	No
Circuits (Loaded)	4
Circuits (maximum)	4
Color - Resin	Black
Durability (mating cycles max)	25

First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Capable	No
Guide to Mating Part	Yes
Keying to Mating Part	None
Lock to Mating Part	None
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Matte Tin
Material - Resin	Liquid Crystal Polymer
Net Weight	0.696/g
Number of Rows	2
Orientation	Vertical
Packaging Type	Tube
PC Tail Length	3.00mm
PCB Locator	Yes
PCB Retention	None
Pitch - Mating Interface	2.00mm
Pitch - Termination Interface	2.00mm
Plating min - Mating	0.381µm
Plating min - Termination	1.270µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Yes
Stackable	No
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Through Hole

Solder Process Data

Max-Duration	5
Lead-Free Process Capability	SMC&WAVE
Max-Cycle	1
Max-Temp	260

Mates With / Use With

Mates with Part(s)

Description	Part Number
Milli-Grid Dual Row BMI Receptacle Housings	151014
Milli-Grid Dual Row Receptacle Housings	51110