Part Number : 1510135516
Product Description : 2.00mm Pitch, Milli-Grid BMI PCB Header, Dual Row, Vertical, Through Hole, 16 Circuits, 2.50µm Matte Tin Plating, 2.10mm Tail Length, Tube, Lead-Free
Series Number : 151013
Status : Active
Product Category : PCB Headers and Receptacles



Documents and Resources

Drawings

1510135516_sd.pdf

PK-151013-0001-001.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Symbol and Footprint (Multi-Format)

Specifications

503940002-AS-000.pdf

PS-151014-0001-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)7771-DC (04 Feb 2026)
EU RoHS	Compliant per EU 2015/863

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

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, 16 Circuits, 2.50µm Matte Tin Plating, 2.10mm Tail Length, Tube, Lead-Free
Application	Panel-to-Board, Signal, Wire-to-Board
Component Type	PCB Header
Product Name	Milli-Grid BMI
UPC	191130002696

Agency

CSA	LR19980
UL	E29179

Electrical

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

Physical

Breakaway	No
Circuits (Loaded)	16
Circuits (maximum)	16
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	Matte Tin
Material - Plating Termination	Matte Tin
Material - Resin	Liquid Crystal Polymer
Net Weight	1.270/g
Number of Rows	2
Orientation	Vertical
Packaging Type	Tube
PCB Locator	Yes
PCB Retention	None
PC Tail Length	2.10mm
Pitch - Mating Interface	2.00mm
Pitch - Termination Interface	2.00mm
Plating min - Mating	2.500µm
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

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