Part Number : 194270049
Product Description : 5.84mm Pitch MX150L Right-Angle PCB Header, Dual Row, without PCB Flange, Tin Plated, 16 Circuits
Series Number : 19427
Status : Active
Product Category : PCB Headers and Receptacles



Documents and Resources

Drawings

194270049_sd.pdf

PK-19427-001-001.pdf

3D Models and Design Files

STEP AP242

SOLIDWORKS

Creo

Symbol and Footprint (Multi-Format)

Specifications

AS-19417-001-001.pdf

PS-19427-001-001.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)4165-DC (25 June 2025)
EU RoHS	Compliant per EU 2015/863

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

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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	19427
Description	5.84mm Pitch MX150L Right-Angle PCB Header, Dual Row, without PCB Flange, Tin Plated, 16 Circuits
Application	Wire-to-Board
Comments	IP67 rated; Conforms to UL 1977; NOT suitable for automotive applications with requirements such as USCAR-2, USCAR-25, GMW3191, AK Testing, J2030, Volvo Technology Requirements, and Toyota Connector Spec (TCS)
Component Type	PCB Header
Product Name	MX150L
UPC	822348740451

Agency

UL	E152602

Electrical

Current - Maximum per Contact	18.0A
Voltage - Maximum	600V

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Physical

Breakaway	No
Circuits (Loaded)	16
Circuits (maximum)	16
Durability (mating cycles max)	25
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Capable	No
Lock to Mating Part	Yes
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	51.812/g
Number of Rows	2
Orientation	Right Angle
Packaging Type	Tray
PCB Locator	Yes
PCB Retention	No
PCB Thickness - Recommended	1.60mm
PC Tail Length	3.30mm
Pitch - Mating Interface	5.84mm
Polarized to Mating Part	Yes
Polarized to PCB	No
Shrouded	Shrouded
Stackable	No
Temperature Range - Operating	-40° to +125°C
Termination Interface Style	Through Hole

Mates With / Use With

Mates with Part(s)

Description	Part Number
MX150L Receptacle Housings	19418

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