



Part Number : [194280003](#)
Product Description : 5.84mm Pitch MX150L
Vertical PCB Header, Dual Row, Standard
Profile, Tin Plated, 8 Circuits
Series Number : 19428
Status : Active
Product Category : PCB Headers and
Receptacles



Documents & Resources

Drawings
[Drawing 194280003_sd.pdf](#)
[Packaging Design Drawing PK-19428-001-001.pdf](#)

3D Models and Design Files
[3D Model 194280003_stp.zip](#)

Specifications
[Application Specification AS-19417-001-001.pdf](#)
[Product Specification PS-19427-001-001.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44
China RoHS	Not Relevant
EU ELV	Not Relevant
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	19428
Description	5.84mm Pitch MX150L Vertical PCB Header, Dual Row, Standard Profile, Tin Plated, 8 Circuits
Application	Power, 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 Family	MX150L Industrial Sealed Connector System
Product Name	MX150L
UPC	822348742967

Agency

UL	E152602
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Electrical

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

Physical

Breakaway	No
Circuits (Loaded)	8
Circuits (maximum)	8

Durability (mating cycles max)	25
Flammability	94V-0
Glow-Wire Capable	No
Lock to Mating Part	Yes
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	20.800/g
Number of Rows	2
Orientation	Vertical
Packaging Type	Tray
PC Tail Length	3.30mm
PCB Locator	Yes
PCB Retention	None
PCB Thickness - Recommended	1.60mm
Pitch - Mating Interface	5.84mm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Fully
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	<u>19418</u>