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**Part Number:** [19428-0016](#)  
**Status:** **Active**  
**Overview:** MX150L™ Sealed Connector System  
**Description:** 5.84mm Pitch MX150L™ Vertical PCB Header, Dual Row, Low Profile, 16 Circuits

**Documents:**

[3D Model](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Drawing \(PDF\)](#) [Product Literature \(PDF\)](#)  
[Product Specification PS-19427-001 \(PDF\)](#)

**Agency Certification**

UL E152602

**General**

Product Family PCB Headers  
 Series [19428](#)  
 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)

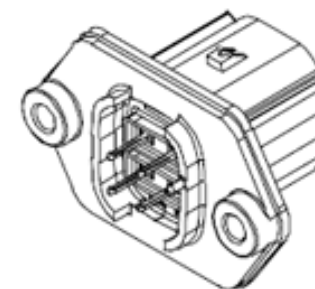
Overview [MX150L™ Sealed Connector System](#)  
 Product Literature Order No 987650-2181  
 Product Name MX150L™  
 UPC 822348742882

**Physical**

Breakaway No  
 Circuits (Loaded) 16  
 Circuits (maximum) 16  
 Durability (mating cycles max) 25  
 Flammability 94V-0  
 Glow-Wire Compliant No  
 Lock to Mating Part Yes  
 Material - Plating Mating Tin  
 Material - Plating Termination Tin  
 Net Weight 25.730/g  
 Number of Rows 2  
 Orientation Vertical  
 PC Tail Length 3.30mm  
 PCB Locator Yes  
 PCB Retention Yes  
 PCB Thickness - Recommended 1.60mm  
 Packaging Type Tray  
 Pitch - Mating Interface 5.84mm  
 Polarized to Mating Part Yes  
 Polarized to PCB Yes  
 Shrouded Fully  
 Stackable No  
 Surface Mount Compatible (SMC) No  
 Temperature Range - Operating -40°C to +125°C  
 Termination Interface: Style Through Hole

**Electrical**

Current - Maximum per Contact 18A



*image - Reference only*

Series

**EU RoHS**

**ELV and RoHS Compliant**  
**REACH SVHC**  
 Not Reviewed  
**Low-Halogen Status**  
 Not Reviewed

**China RoHS**



**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

**Search Parts in this Series**

[19428Series](#)

**Mates With**

[19418 Receptacle Assemblies](#)

Voltage - Maximum

600V

**Material Info**

**Reference - Drawing Numbers**

Product Specification

PS-19427-001

Sales Drawing

SD-19428-008

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