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Part Number: [0194280001](#)
Status: **Active**
Overview: [MX150L Industrial Sealed Connector System](#)
Description: 5.84mm Pitch MX150L Vertical PCB Header, Dual Row, Standard Profile, 12 Circuits

Documents:

| | |
|--|--|
| 3D Model | Packaging Specification PK-19428-001 (PDF) |
| Drawing (PDF) | Brochure (PDF) |
| 3D Model (PDF) | RoHS Certificate of Compliance (PDF) |
| Product Specification PS-19427-001-001 (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 Industrial Sealed Connector System |
| Product Name | MX150L |
| UPC | 822348743001 |

Physical

| | |
|--------------------------------|----------------|
| Breakaway | No |
| Circuits (Loaded) | 12 |
| Circuits (maximum) | 12 |
| 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 | 23.606/g |
| Number of Rows | 2 |
| Orientation | Vertical |
| PC Tail Length | 3.30mm |
| PCB Locator | Yes |
| PCB Retention | None |
| 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° to +125°C |
| Termination Interface: Style | Through Hole |

Electrical

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



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per - ECHA_01_2020 (16 January 2020)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[19428](#) Series

Mates With

[19418](#) Receptacle Assemblies

Material Info

Reference - Drawing Numbers

Packaging Specification

Product Specification

Sales Drawing

PK-19428-001

PS-19427-001-001

SD-19428-015

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