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Part Number: **0194270012**
Status: **Active**
Overview: MX150L™ Industrial Sealed Connector System
Description: 5.84mm Pitch MX150L™ Right Angle PCB Header, Dual Row, without PCB Flange, 12 Circuits

Documents:

| | |
|--------------------------------------------------------------|------------------------------------------------------------|
| 3D Model | Packaging Specification PK-19427-001 (PDF) |
| Drawing (PDF) | RoHS Certificate of Compliance (PDF) |
| Product Specification PS-19427-001-001 (PDF) | Product Literature (PDF) |

Agency Certification

UL E152602

General

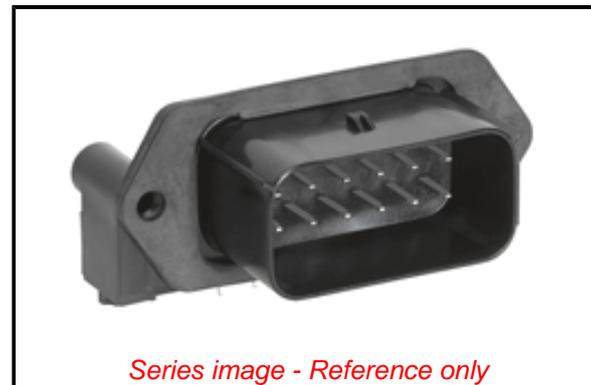
| | |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Family | PCB Headers |
| Series | 19427 |
| 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 Literature Order No | 987650-2181 |
| Product Name | MX150L™ |
| UPC | 822348740437 |

Physical

| | |
|--------------------------------|-----------------|
| Breakaway | No |
| Circuits (Loaded) | 12 |
| Circuits (maximum) | 12 |
| 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 | 28.486/g |
| Number of Rows | 2 |
| Orientation | Right Angle |
| 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 | No |
| 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 18.0A



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per - ED/30/2017 (7 July 2017)

Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

| | |
|-----------------|---------------|
| China ROHS | Green Image |
| ELV | Not Relevant |
| RoHS Phthalates | Not Contained |

Search Parts in this Series

[19427 Series](#)

Mates With

[19418 Receptacle Assemblies](#)

Voltage - Maximum

600V

Material Info

Reference - Drawing Numbers

Packaging Specification

PK-19427-001

Product Specification

PS-19427-001-001

Sales Drawing

SD-19427-024

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