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Part Number:

0194270012

Status:

Active

Overview:

Description:

5.84mm Pitch MX150L Right-Angle PCB Header, Dual Row, without PCB Flange, 12 Circuits

|                                |                                                                                                                                                                                                                   |
|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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_sealed_connector_system                                                                                                                                                                                    |
| Product Name                   | MX150L                                                                                                                                                                                                            |
| UPC                            | 822348740437                                                                                                                                                                                                      |
| 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                     | 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° to +125°C                                                                                                                                                                                                    |
| Termination Interface: Style   | Through Hole                                                                                                                                                                                                      |
| Electrical                     |                                                                                                                                                                                                                   |
| Current - Maximum per Contact  | 18.0A                                                                                                                                                                                                             |
| Voltage - Maximum              | 600V                                                                                                                                                                                                              |
| Material Info                  |                                                                                                                                                                                                                   |
| Reference - Drawing Numbers    |                                                                                                                                                                                                                   |
| Packaging Specification        | PK-19427-001-001                                                                                                                                                                                                  |
| Product Specification          | PS-19427-001-001                                                                                                                                                                                                  |

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per - D(2021)4569-DC (8 July 2021)

Halogen-Free

Status

Low-Halogen

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

China RoHS

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

19427 Series

Mates With

19418 Receptacle Assemblies

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