Lite-Trap Wire-to-Board Connector
Vertical Entry, 1-Circuit

The vertical wire-entry Lite-Trap connector expands the selection of options available for securing wires to PCBs in security devices, datacom equipment, LED drivers and other applications, enabling cost savings within limited design spaces.

Features and Benefits

Outline Dimension and PCB Pattern

Cross Section

- **Wire Stopper**: Avoid damage when inserting wire
- **Double Contact**: Electrical Contact Assurance and secure wire retention force
- **Terminal Guide**: Guide to position the wire and protect from wire movement

PCB Retention Force
1.2,3,4 Direction : MIN 50N
5 Direction : MIN 30N

Grooved Solder Tail Design
to secure strong PCB retention force
Lite-Trap Wire-to-Board Connector
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Applications

Marine
  SONAR
  Fish Detector

Security
  Security System Controller

Solid State Lighting
  LED Driver

Specifications

REFERENCE INFORMATION
Packaging: Embossed tape
Designed In: Millimeters
RoHS: Compliant
Halogen Free: Low-halogen

ELECTRICAL
Voltage (max.): 431V
Current (max.): 3.0A
Contact Resistance (max.): 10 Milliohms
Insulation Resistance (min.): 1,000 Megaohms

PHYSICAL
Circuit Size: 1-Circuit
Locking Type: 1 time permanent connection with additional terminal guide
Wire Gauge Range: 18 AWG
Plating: Tin-plated
Operating Temperature: -40 to +130°C
Resin Material: LCP(UL 94 V-0, Low Halogen)

Ordering Information

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www.molex.com/link/litetrap.html

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Order No. 987651-7381

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