



2-Pin 10mm LED Strip Connector, IP20, DC 5-24V / 3.5A, 150mm Lead, 5-Pack

- 2-pin design for 10mm wide High Density SMD or COB strip
- IP20 environmental rating for non-waterproof, dry indoor use
- DC operating range of 5V to 24V with 3.5A max current draw
- 150mm lead wire, 22AWG PVC-jacketed, black-red polarity coded
- UL listed under file number E536464
- Sold in bags of 5 pieces, backed by a 1-year warranty

OVERVIEW

The M-Z-CON2D-10mm is a 2-pin solderless connector for terminating 10mm wide High Density SMD or COB LED strip lights rated IP20. It provides a tool-free connection point between strip sections and a power supply, suitable for dry indoor installations requiring a clean, low-voltage termination.

The connector supports a DC operating range of 5V to 24V and is rated for a maximum continuous current of 3.5A. The 150mm lead wire uses 22AWG PVC-jacketed conductors in black and red polarity-identified configuration, with an LED lifetime rating of 50,000 hours. Sold in bags of 5 pieces.

The connector is UL certified (file number E536464) and backed by a 1-year warranty.

SPECIFICATIONS

OPTICAL

LED Lifetime 50,000 h

MECHANICAL

Strip Width 10 mm
0.39 in

Finish Black-Red

Material PVC

COMPLIANCE

UL File Number E536464

ELECTRICAL

Operating Voltage 5-24 V

Current Draw 3.5 A

Wire Gauge 22 AWG

Wire Length 5.9 in

ENVIRONMENTAL

IP Rating IP20

Environmental Rating Non-Waterproof

ORDERING

Warranty 1 y

CERTIFICATIONS & COMPLIANCE



UL Listed
E536464

APPLICATIONS

- Indoor LED strip power connections
- Retail display lighting terminations
- Cabinet and shelf lighting installations
- Signage backlighting connections
- Architectural cove lighting hookups

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
led_lifetime_h	50,000 h	db	high
operating_voltage	5–24 V	db	high
current_draw	3.5 A	db	high
wire_gauge	22 AWG	pdf	high
wire_length	5.9 in	pdf	medium
strip_width	10 mm	pdf	high
finish	Black - Red	pdf	medium
material	PVC	pdf	medium
ip_rating	IP20	db	high
environmental_rating	Non - Waterproof	db	high
ul_file_number	E536464	db	high
warranty_years	1 y	db	high

Specifications subject to change without notice.

REVIEW COPY