



2-Pin 5mm LED Strip Connector, IP20, 22AWG Wire, DC 5-24V / 3.5A

- 2-pin, 5mm solderless connector for strip-to-power termination
- Rated IP20 for non-waterproof, dry-location interior use
- 150mm lead wire, 22AWG PVC insulation, black-red polarity
- Operating voltage range of DC 5V-24V
- Maximum continuous current draw of 3.5A
- UL listed under file number E536464

OVERVIEW

The M-Z-CON2D-5mm is a 2-pin, 5mm solderless connector designed to terminate High Density SMD or COB IP20 LED strip runs to a DC power supply. Supplied in 5-piece bags, it is suited for low-voltage interior lighting installations where a reliable, tool-free strip-to-wire connection is required.

The connector accommodates an operating voltage range of DC 5V-24V and is rated for a maximum continuous current of 3.5A. The 150mm lead is constructed from 22AWG PVC-insulated wire in a standard black/red polarity configuration, compatible with 5mm 2-conductor strip formats.

The connector is UL listed under file number E536464 and carries a 1-year warranty.

SPECIFICATIONS

OPTICAL

LED Lifetime 50,000 h

MECHANICAL

Strip Width 5 mm
0.20 in

Finish Black-Red 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

- Interior cabinetry and shelf lighting
- Cove and coffer lighting installations
- Retail display case illumination
- Under-counter task lighting
- Signage and architectural accent lighting

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	5 mm	pdf	high
finish	Black - Red 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