



2-Pin Strip-to-Strip Bridge Connector,
10mm, 150mm Lead, IP20, 3.5A

- 2-pin bridge connector for 10mm High Density SMD or COB strips
- 150mm lead length with 22AWG PVC-jacketed wire
- Black-red polarity coded leads for correct connection
- Rated DC 5V-24V operation at up to 3.5A current draw
- IP20 environmental rating for non-waterproof, indoor use
- UL certified, file number E536464

OVERVIEW

The M-Z-CON2D-CA10mm is a 2-pin strip-to-strip bridge connector designed for use with 10mm High Density SMD or COB LED strip lights. It provides a solderless bridging solution for connecting strip segments, suited for IP20 indoor installations. Each connector includes a 150mm, 22AWG PVC-jacketed lead in black and red polarity coding.

The connector is rated for DC 5V-24V operation at a maximum continuous current of 3.5A, with a 50,000-hour LED lifetime rating on the connected strip. Sold in bags of 5 units, it is compatible with standard 2-pin, 10mm-width LED strip configurations.

The connector carries UL certification (file number E536464) and a 1-year warranty.

SPECIFICATIONS

OPTICAL

LED Lifetime50,000 h

MECHANICAL

Strip Width10 mm0.39 in

FinishBlack-Red

MaterialPVC

COMPLIANCE

UL File NumberE536464

ELECTRICAL

Operating Voltage5-24 V

Current Draw3.5 A

Wire Gauge22 AWG

Wire Length5.9 in

ENVIRONMENTAL

IP RatingIP20

Environmental RatingNon-Waterproof

ORDERING

Warranty1 y

CERTIFICATIONS & COMPLIANCE



UL Listed
E536464

APPLICATIONS

- Indoor cabinetry and shelving LED strip runs
- Signage strip-to-strip connections
- Cove and cornice lighting installations
- Retail display lighting bridges
- Under-counter LED strip continuation

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	high
material	PVC	pdf	high
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.

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