



COB SPI Strip-to-Strip Connector, 12mm 3-Pin, IP20, No Wire (5-Pack)

- Solderless connector for 12mm wide, 3-pin COB SPI strips
- No-wire joint design speeds strip-to-strip installation
- Operating voltage range of 5-24V DC
- Rated 3.5A maximum continuous current per connection
- IP20 environmental rating for dry-location use
- UL listed under file number E536464

OVERVIEW

The M-Z-CON3D-CA-12C is a solderless strip-to-strip connector designed for 12mm wide, 3-pin COB SPI LED strips. It provides a direct, no-wire connection between strip segments, simplifying installation in applications where a clean, low-profile joint is required. Rated for indoor use at IP20, it is suited for dry-location fixtures, cabinet lighting, and channel letter assemblies.

The connector supports an operating voltage range of DC 5V-24V and a maximum continuous current of 3.5A per connection. The no-wire design reduces assembly time and minimizes potential failure points at the joint. Each bag contains 5 connectors.

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

SPECIFICATIONS

OPTICAL

LED Lifetime50,000 h

MECHANICAL

Strip Width12 mm0.47 in

COMPLIANCE

UL File NumberE536464

ELECTRICAL

Operating Voltage5–24 V

Current Draw3.5 A

Input Connection Type3-Pin Solderless Connector

ENVIRONMENTAL

IP RatingIP20

Environmental RatingNon-Waterproof

ORDERING

Warranty1 y

CERTIFICATIONS & COMPLIANCE



UL Listed
E536464

APPLICATIONS

- Cabinet and shelf lighting joints
- Channel letter sign assembly
- Dry-location strip-to-strip splicing
- Indoor architectural cove 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
input_connection_type	3-Pin Solderless Connector	pdf	high
strip_width	12 mm	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.

REVIEW COPY