



10mm COB & High - Density LED Strip Screw Connector, Flexible/Rigid to Wire, 2 - Pin IP20

- Terminates 10mm COB and high - density single - color LED strip to wire
- Accepts flexible or rigid strip formats without soldering
- Wire - side range 22AWG to 16AWG (0.25–0.8mm²)
- 2 - pin configuration rated DC 3V–24V, max 6A
- IP20 rating for dry indoor environments only
- Packaged 5 pieces per bag

OVERVIEW

The MZ-SF10XB-2G is a 2-pin screw-type connector designed for 10mm COB and high-density single-color LED strips, accommodating both flexible and rigid strip formats. One end clamps directly onto the LED strip while the opposite end accepts 22AWG to 16AWG wire (0.25–0.8mm²), providing a solderless termination point for field wiring. Sold in bags of 5, these connectors are suited for low-voltage DC installations where a reliable strip-to-wire transition is required.

The connector is rated for DC 3V–24V operation with a maximum current capacity of 6A, dependent on the wire gauge used. The IP20 rating limits use to dry, indoor environments protected from contact but not moisture exposure.

SPECIFICATIONS

OPTICAL

LED Lifetime 50,000 h

ELECTRICAL

Operating Voltage 5–24 V

Current Draw 6 A

Input Connection Type Screw connector, 2 - pin

Wire Gauge * 16 AWG

MECHANICAL

Strip Width 10 mm
0.39 in

ENVIRONMENTAL

IP Rating IP20

Environmental Rating Non - Waterproof

ORDERING

Warranty 1 y

CERTIFICATIONS & COMPLIANCE



CE



RoHS Compliant

APPLICATIONS

- Cabinet and shelf lighting strip-to-wire transitions
- Cove and coffer lighting installations
- Retail display fixture wiring
- Under-counter LED strip terminations
- Signage and display case low-voltage wiring

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	6 A	db	high
input_connection_type	Screw connector, 2-pin	pdf	high
wire_gauge	16 AWG	pdf	low
strip_width	10 mm	pdf	high
ip_rating	IP20	db	high
environmental_rating	Non-Waterproof	db	high
warranty_years	1 y	db	high

* Value inferred from source data; verify before specification.
Specifications subject to change without notice.

REVIEW COPY