



8mm PCB-to-Wire Screw Connector,
2-Pin, IP20, DC 3-24V, 6A Max (5-Pack)

- 2-pin screw terminal for 8mm flexible or rigid PCB strips
- Accepts wire gauges from 22AWG to 16AWG (0.25-0.8mm²)
- Rated DC 3V-24V input with 6A maximum current draw
- IP20, Non-Waterproof rating for dry indoor use only
- CE and RoHS certified
- Supplied 5 pieces per bag

OVERVIEW

The MZ-SF8XB-2G is a 2-pin screw connector designed to terminate 8mm flexible or rigid PCB strips to field-wired conductors. One end clamps directly onto the PCB edge; the other accepts stripped wire without requiring a pre-attached lead. Sold in bags of 5, these connectors suit low-voltage LED strip installations where a clean, tool-secured termination is preferred over soldering or push-in clips.

The connector supports an input voltage range of DC 3V-24V and is rated for a maximum current of 6A, dependent on the wire gauge used. Compatible wire sizes range from 22AWG to 16AWG (0.25-0.8mm²). The IP20 rating and Non-Waterproof environmental rating indicate suitability for dry, indoor environments only.

The connector carries CE and RoHS certification and is backed by a 1-year warranty.

SPECIFICATIONS

OPTICAL

LED Lifetime	50,000 h
--------------	----------

ELECTRICAL

Operating Voltage	5-24 V
Current Draw	6 A
Wire Gauge *	16 AWG

MECHANICAL

Strip Width	8 mm 0.31 in
-------------	-----------------

ENVIRONMENTAL

IP Rating	IP20
Environmental Rating	Non-Waterproof

ORDERING

Warranty	1 y
----------	-----

CERTIFICATIONS & COMPLIANCE



CE



RoHS Compliant

APPLICATIONS

- Indoor LED strip terminations
- Signage and display lighting wiring
- Cabinet and shelf lighting connections
- Architectural cove lighting hookups
- Retrofit wiring for existing LED tape

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
wire_gauge	16 AWG	pdf	low
strip_width	8 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.