



Strip-to-Power Connector, 10 mm 3-Pin COB Tape, IP20, 5-24 V DC, 3.5 A, 150 mm 22 AWG Lead

- Fits 10 mm three-pin COB tape with 0.25-0.35 mm PCB thickness
- 3.5 A maximum pin current at 30 C ambient with 22 AWG wire
- 150 mm flat stranded lead, red-white-yellow color coding
- Transparent polycarbonate housing with nickel-plated phosphor bronze pins
- IP20 non-waterproof rating for indoor installation from -10 to 45 C
- UL file number E536464, packaged five pieces per bag

OVERVIEW

Strip-to-power connector for 10 mm wide three-pin COB LED tape, used to terminate a tape run to a driver or power feed without soldering. The I-shape straight body accepts PCB thicknesses of 0.25 to 0.35 mm and imposes no LED density limit, making it suitable for tunable-white and CCT COB installations in coves, casework and display millwork.

The connector carries up to 3.5 A per pin across a 5-24 V DC range and terminates in a 150 mm flat multi-stranded 22 AWG PVC lead in red, white and yellow. Housing is transparent polycarbonate with nickel-plated phosphor bronze contacts, rated IP20 and non-waterproof for indoor service between -10 and 45 C.

UL recognized under file number E536464. Supplied five pieces per bag with a one-year warranty.

SPECIFICATIONS

OPTICAL

LED Chip Type	COB
LED Lifetime	50,000 h

MECHANICAL

Product Dimensions	16.5*11.7*4.3 mm
Strip Width	10 mm 0.39 in
Finish	Nickel plating
Material	Polycarbonate housing, phosphor bronze contacts

COMPLIANCE

UL File Number	E536464
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ELECTRICAL

Operating Voltage	24 V
Current Draw	3.5 A
Input Connection Type	Strip to power, 3-pin
Wire Gauge	22 AWG
Wire Length	5.9 in

ENVIRONMENTAL

IP Rating	IP20
Environmental Rating	Non-Waterproof
Ambient Operating Temperature	-10-45 °C 14-113 °F

ORDERING

Warranty	1 y
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CERTIFICATIONS & COMPLIANCE



UL Listed
E536464

APPLICATIONS

- Cove and perimeter lighting runs
- Retail display casework
- Under-cabinet millwork
- Architectural signage cabinets
- Commercial interior accent lighting

PROVENANCE — REVIEW COPY ONLY

slug	value	source	confidence
led_chip_type	COB	pdf	high
led_lifetime_h	50,000 h	db	high
operating_voltage	24 V	pdf	high
current_draw	3.5 A	db	high
input_connection_type	Strip to power, 3 - pin	pdf	high
wire_gauge	22 AWG	pdf	high
wire_length	5.9 in	pdf	high
product_dimensions	16.5*11.7*4.3 mm	pdf	high
strip_width	10 mm	pdf	high
finish	Nickel plating	pdf	high
material	Polycarbonate housing, phosphor bronze contacts	pdf	high
ip_rating	IP20	both	high
environmental_rating	Non - Waterproof	db	high
ambient_temp_c	-10-45 °C	pdf	high
ul_file_number	E536464	db	high
warranty_years	1 y	db	high

Specifications subject to change without notice.