

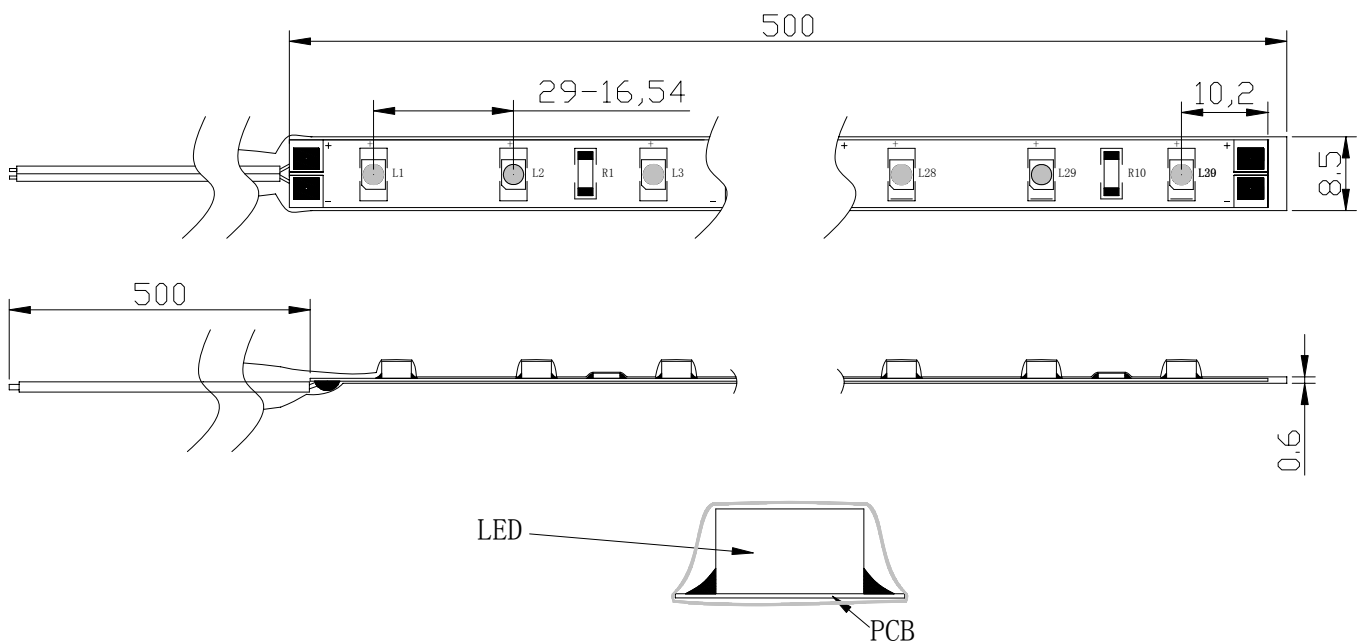
Datasheet for (3528) SMD PE Waterproof Flexible Strip

Product Features

- 30 LEDS TRI-CHIP LED SMD AS THE LIGHT SOURCE
- 500MMX8MM SMD LIGHT RIBBON (30-LED).
- PRINTED CIRCUIT BOARD THICKNESS: 0.2MM
- WORKING VOLTAGE: 12V DC.
- WORKING CURRENT: 200MA.
- LED VIEW ANGLE(2 θ 1/2):100°
- PACKAGE: 5 meters / REEL.



Typical Applications



Notes:

1. All dimension units are millimeters.
2. All dimension tolerance is ± 1 mm unless otherwise noted.

Characteristics

Absolute Maximum Rating at TA=25°C

Parameter	Symbol	Absolute Maximum Rating	Unit
Forward Current	IF	200	mA
Power Dissipation	PD	2.4	W
Electrostatic discharge	ESD	400	V
Operating Temperature	Topr	-25~+60	°C
Storage Temperature	Tstg	-40~+80	°C

Electrical / Optical Characteristics at TA=25°C

Part No.	Color	Wavelength	Brightness(lm)	Forward Voltage	Forward Current
PF8W-WW-30	Warm White	3000k-4000k	95	DC 12V	200 mA
PF8W-W-30	White	5000k-6000k	115	DC 12V	200 mA
PF8W-R-30	Red	620-630nm	102	DC 12V	200 mA
PF8W-B-30	Blue	455-470nm	52	DC 12V	200 mA

Notes:Tolerance of measurement of luminous intensity±15%.

Typical Applications

- Edge-lighting of transparent or diffused materials.EDGE-LIGHTING OF TRANSPARENT OR DIFFUSED MATERIALS.
- Path & Contour Marking.
- Emergency / rescue signs.
- To couple light into transparent or diffused glass .
- Widespread use in accessorial lights for indoors, medical, landscape,
- Architectural lighting, villa, restaurant, hotel, meeting room, show room, shop, counter and so on.
- General lighting, Task lighting, Household appliances, Architectural lighting, Decorative / pathway lighting, Street lighting