

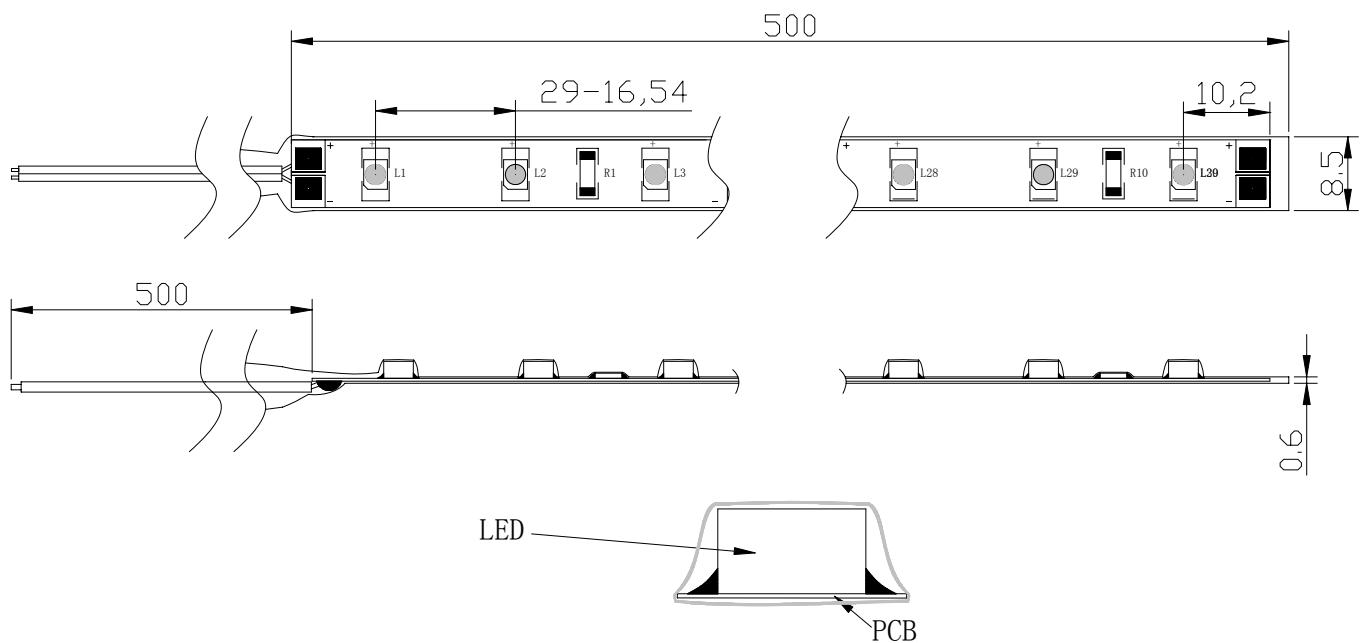
Datasheet for (3528) SMD PE Waterproof Flexible Strip

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