

## SMT RGB 5050 LED - 10 pack

PRODUCT ID: 619

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[DESCRIPTION](#)[TECHNICAL DETAILS](#)

## DESCRIPTION

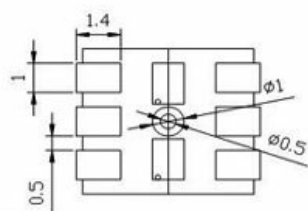
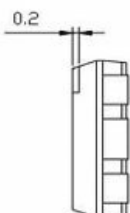
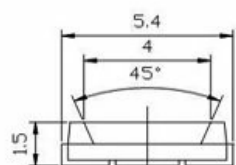
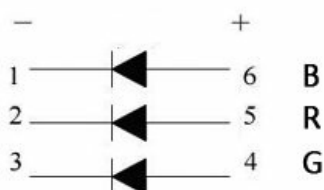
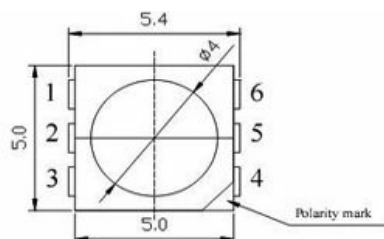
These surface-mount LEDs are an easy way to add a lot of colorful dots to your project. They're similar to the ones in our digital RGB LED strip, same size and shape. They are half a centimeter on a side, which makes them small but not so small that they are impossible to hand solder. There are three LEDs inside, red green and blue and because they are so close together, they mix very nicely, without the need for a diffuser. The LED is also insanely bright, at a eyeball-blistering 3800mcd.

Comes in a strip of 10 pieces. If you order more than one strip, it will come as multiple strips of 10, not one long strip.

Please note this is a surface mount part! it is possible to solder thin wires to the pads but its designed for use on a SMT PCB. If you are not comfortable with hand soldering SMT parts,

## TECHNICAL DETAILS

- Red Vf: 1.8 to 2.1V
- Green Vf: 3.0 to 3.2V
- Blue Vf: 3.0 to 3.2V
- Red color: 620-625 nm
- Green color: 520-525 nm
- Blue color: 465-470 nm
- Red brightness @ ~20mA: 600-800 mcd
- Blue brightness @ ~20mA: 800-1000 mcd
- Green brightness @ ~20mA: 1500-2000mcd



Notes:  
All dimensions in mm tolerance is  $\pm 0.1$ mm unless otherwise noted.

If you need some help using LEDs, please read our "Introduction to using LEDs" tutorial for any electronics project.



RoHS

[LED Diagram](#)

## MAY WE ALSO SUGGEST...



Clear 'Piranha' Super-flux



RGB LED weatherproof



Diffused RGB (tri-color) LED



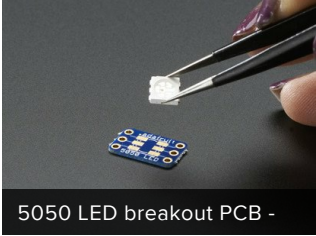
RGB LED Weatherproof



Diffused RGB 5mm LED (25)



Digital RGB LED



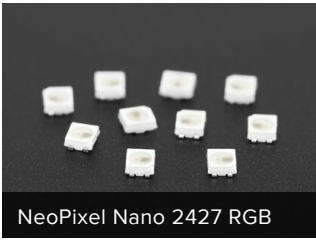
5050 LED breakout PCB -



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