



## 5053RGBxx

### (Φ 5mm ROUND LED)

## Full Color LED Lamp

ABSOLUTE MAXIMUM RATING:(Ta=25°C)

Parameter				Unit
DC Forward Current	30			mA
Reverse Voltage	5			V
Reverse Current (Vr=5V)	10			μA
Peak Forward Current ,tw ,=1 msec Duty ,=1/20	150			mA
Operation Temperature	-40	+80		°C
Storage Temperature	-40	+100		°C
Solder Dip (5 seconds, 1.6mm from body ) Temperature	300	±5		°C

**NOTE**  
 1.BLUE  
 2.COMMON  
 3.RED  
 4.GREEN

COMMON CATHODE (C.C.)  
 COMMON ANODE (C.A.)

**Feature:**

- 1.Small flange without stand-off
- 2.Long life-solid state reliability
- 3.Long lead length(26mm)
- 4.Versatile mounting on P.C. board or panel

**Description:**

- 1.The shape of this series is round
- 2.General application is for indication,illumination,etc.
- 3.These LED lamps are available with a choice of defferent colors,light intensities,epoxy colors,etc.

Part Number	EMITTED COLOR		Lens Color	Peak Wavelength (nm)	Vf (v) Typ.	IV (If=20mA) mcd		View Angle 2 θ 1/2
						Min.	Typ.	
5053RGBC-A (C.A.) 5053RGBC-C (C.C.)	AlGaInP	Orange Red	Water Clear	625	2.0	50	70	90°
	InGaN	Pure Green		525	3.5	650	750	
	InGaN	Pure Blue		470	3.5	120	150	
5053RGBW-A (C.A.) 5053RGBW-C (C.C.)	AlGaInP	Orange Red	White Diffused	625	2.0	50	70	90°
	InGaN	Pure Green		525	3.5	500	600	
	InGaN	Pure Blue		470	3.5	100	120	