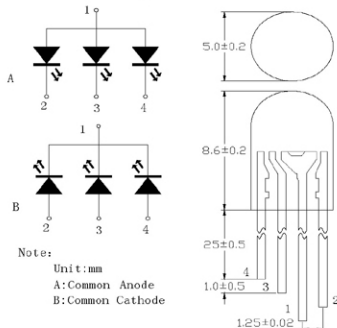


Features:

- * 5mm Without Flange Lamp LED
- * Emitting Color Red Green Blue
- * Low Power Consumption
- * Ideal For Backlight Toy Light-Gift Indicator

Circuit and Package Dimensions



Absolute Maximum Rating

Item	Symbol	Absolute Maximum Rating	Unit
Forward Current	I_F	20	mA
Peak Forward Current*	I_{FP}	100	mA
Reverse Voltage	V_R	5	V
Reverse Current	I_R	10	uA
Power Dissipation	P_D	150	mW
Electrostatic discharge	E_{SD}	800	V
Operation Temperature	T_{OP}	$-25 \sim +80$	$^{\circ}\text{C}$
Storage Temperature	T_{STG}	$-5 \sim +45$	$^{\circ}\text{C}$
Lead Soldering Temperature	T_{SOL}	Max. 260°C for 5sec Max(3mm from the base of the epoxy bulb)	

Typical Optical/Electrical Characteristics

Product Type	Lens Color	Emitting Color	Forward Voltage (v)		Prcep Wavelength (nm)		Luminous Intensity (mcd)		50% Power Angle (deg)
			Type	Max.	Type	Max.	Min.	Type	Type
J501RGBB2A	White Diffused	R	1.80	2.40	630	640	1000	1200	40
		G	3.20	3.60	515	525	2000	3000	
		B	3.20	3.60	465	475	1000	1500	
J501RGBB2C	White Diffused	R	1.80	2.40	630	640	1000	1200	40
		G	3.20	3.60	515	525	2000	3000	
		B	3.20	3.60	465	475	1000	1500	