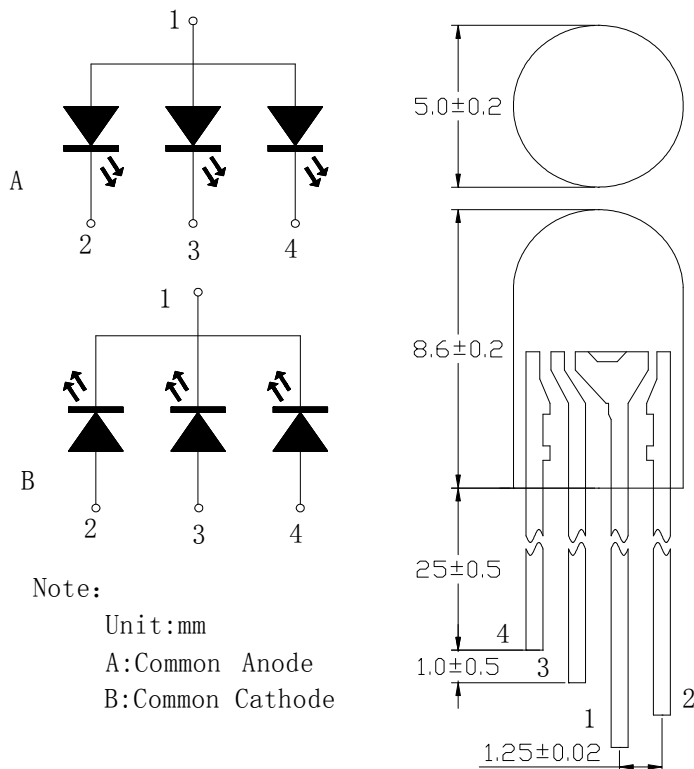




Features:

- * 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_{OPR}	$-25 \sim +80$	$^{\circ}C$
Storage Temperature	T_{STG}	$-5 \sim +45$	$^{\circ}C$
Lead Soldering Temperature	T_{SOL}	Max. 260 $^{\circ}C$ 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
J501RGBB0A	Water Clear	R	1.80	2.40	630	640	1200	1500	20
		G	3.20	3.60	515	525	3500	5000	
		B	3.20	3.60	465	475	2200	3000	
J501RGBB0C	Water Clear	R	1.80	2.40	630	640	1200	1500	20
		G	3.20	3.60	515	525	3500	5000	
		B	3.20	3.60	465	475	2200	3000	