

Light color : Red 、 Green 、 Blue Color

Absolute maximum rating (Ta=25℃)

- Operating/Storage temperature range : -30℃~ +85℃
- Derating linear from 25℃ : 0.4 mA/℃
- Lead soldering temperature range : 260℃ for 3 second
- Colloid Color:White Clear
- Life Test:20,000~50,000hours

Electro-optical characteristics (TA=25℃)

RED COLOR :

Parameter	Symbol	Min	Typ.	Max	Unit	Test Condition
Forward voltage	V_F	❖	2.00	2.25	V	IF=20 mA
Luminous intensity	I_V	❖	1000	1200	mcd	IF=20 mA
Peak emission wavelength	λ_p	❖	620	630	nm	❖
Half intensity angle	$\triangle \Theta$	❖	25	❖	deg	❖

GREEN COLOR :

Parameter	Symbol	Min	Typ.	Max	Unit	Test Condition
Forward voltage	V_F	❖	3.5	5	V	IF=20 mA
Luminous intensity	I_V	❖	1500	2000	mcd	IF=20 mA
Peak emission wavelength	λ_p	❖	515	525	nm	❖
Half intensity angle	$\triangle \Theta$	❖	25	❖	deg	❖

BLUE COLOR :

Parameter	Symbol	Min	Typ.	Max	Unit	Test Condition
Forward voltage	V_F	❖	3.5	5	V	IF=20 mA
Luminous intensity	I_V	❖	1200	1500	mcd	IF=20 mA
Peak emission wavelength	λ_p	❖	460	470	nm	❖
Half intensity angle	$\triangle \Theta$	❖	25	❖	deg	❖

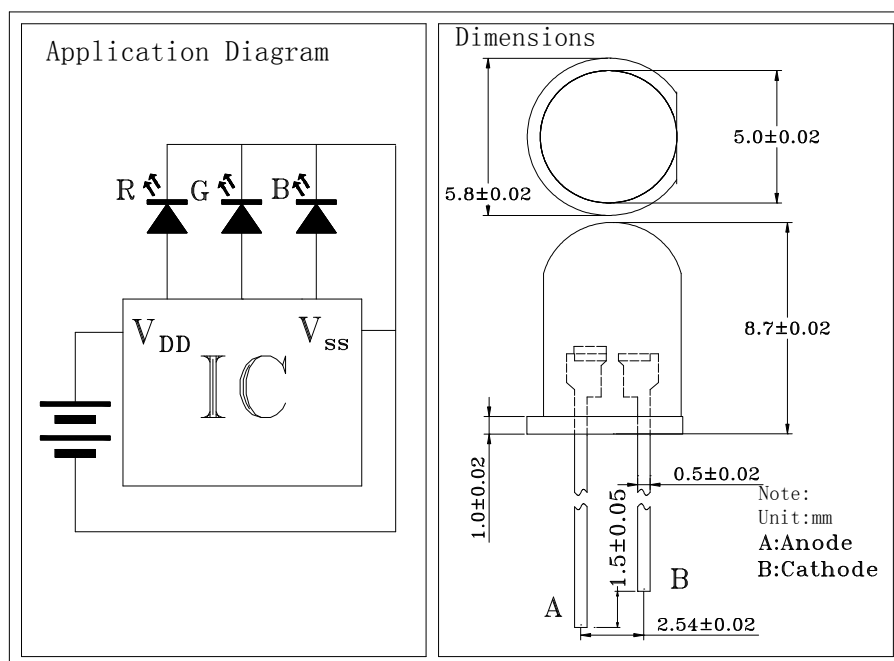
Direct Current Characteristics

Parameter	Symbol	Min	Typ.	Max	Unit	Remarks
Operating voltage	VDD	2.0	4.5	5.0	V	❖
Driver Current	Iol	❖	50	❖	mA	@V _{DS} =1.2V
Power Consumption	Po	❖	225	❖	mW	V _{DD} =4.5V
Flash Frequency	Ftet	❖	0.2	❖	Hz	External±30%

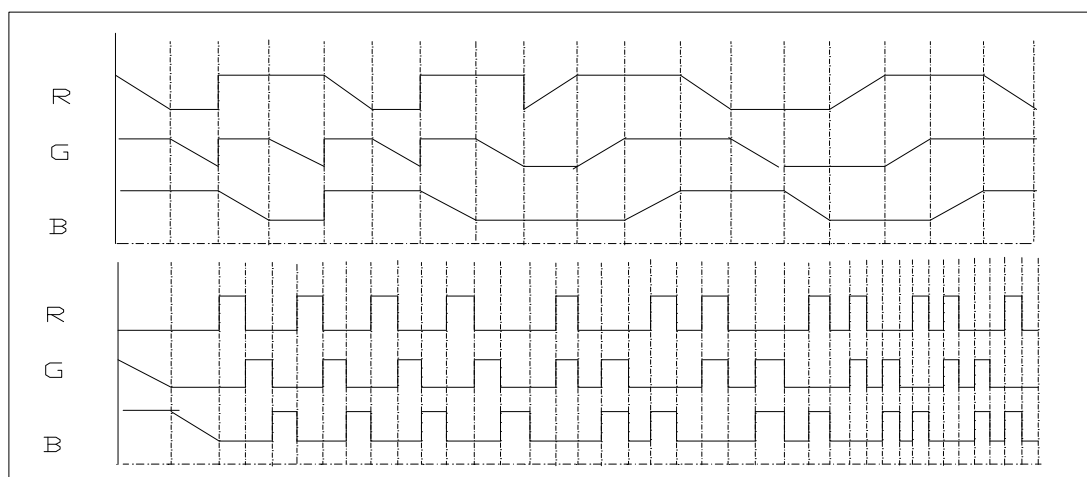
*All specs and applications shown above subject to change without prior notice.

(以上电路及规格仅供参考，本公司可进行修正)

Application diagram and Dimensions



Output Sketch Map



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