

Light color : Red、Green、Blue Color

Absolute maximum rating (Ta = 25°C)

- Reverse current($V_R=5V$) : $\leq 10 \mu A$
- Peak current : 100 mA
- Operating/Storage temperature range : $-38^{\circ}C \sim +85^{\circ}C$
- Derating linear from $25^{\circ}C$: $0.4 mA/^{\circ}C$
- Lead soldering temperature range : $260^{\circ}C$ for 3 second
- Colloid Color : White Diffuse
- Life Test : 20,000 ~ 50,000 hours

Electro-optical characteristics (TA = 25°C)

RED COLOR :

Parameter	Symbol	Min	Typ.	Max	Unit	Test Condition
Forward voltage	V_F	❖	1.88	2.2	V	$I_F = 20 \text{ mA}$
Luminous intensity	I_V	1000	2000	❖	mcd	$I_F = 20 \text{ mA}$
Peak emission wavelength	λ_p	❖	630	640	nm	❖
Half intensity angle	$\Delta\Theta$	❖	120	❖	deg	❖

GREEN COLOR :

Parameter	Symbol	Min	Typ.	Max	Unit	Test Condition
Forward voltage	V_F	❖	3.0	3.5	V	$I_F = 20 \text{ mA}$
Luminous intensity	I_V	2000	3000	❖	mcd	$I_F = 20 \text{ mA}$
Peak emission wavelength	λ_p	515	520	525	nm	❖
Half intensity angle	$\Delta\Theta$	❖	120	❖	deg	❖

BLUE COLOR :

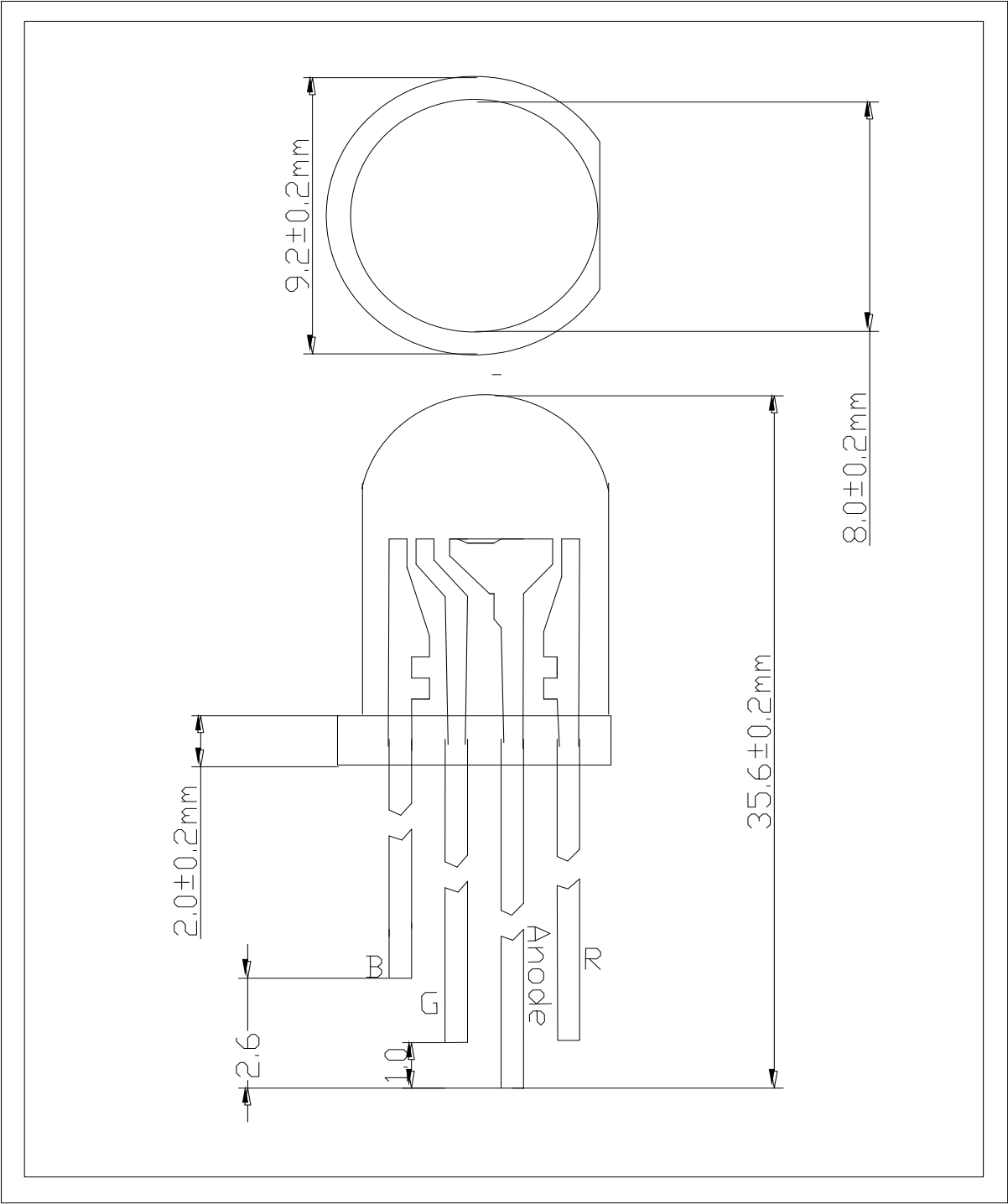
Parameter	Symbol	Min	Typ.	Max	Unit	Test Condition
Forward voltage	V_F	❖	3.0	3.5	V	$I_F = 20 \text{ mA}$
Luminous intensity	I_V	2000	3000	❖	mcd	$I_F = 20 \text{ mA}$

Peak emission wavelength	λ_p	❖	460	470	nm	❖
Half intensity angle	$\Delta\Theta$	❖	120	❖	deg	❖

*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 or Dimensions



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