

**Light color : Red 、 Green 、 Blue Color**

**Absolute maximum rating (Ta=25℃)**

- 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℃)**

**RED COLOR :**

Parameter	Symbol	Min	Typ.	Max	Unit	Test Condition
Forward voltage	$V_F$	❖	1.88	2.2	V	IF= 20 mA
Luminous intensity	$I_V$	1000	2000	❖	mcd	IF= 20 mA
Peak emission wavelength	$\lambda_p$	❖	630	640	nm	❖
Half intensity angle	$\triangle \theta$	❖	120	❖	deg	❖

**GREEN COLOR :**

Parameter	Symbol	Min	Typ.	Max	Unit	Test Condition
Forward voltage	$V_F$	❖	3.0	3.5	V	IF= 20 mA
Luminous intensity	$I_V$	2000	3000	❖	mcd	IF= 20 mA
Peak emission wavelength	$\lambda_p$	515	520	525	nm	❖
Half intensity angle	$\triangle \theta$	❖	120	❖	deg	❖

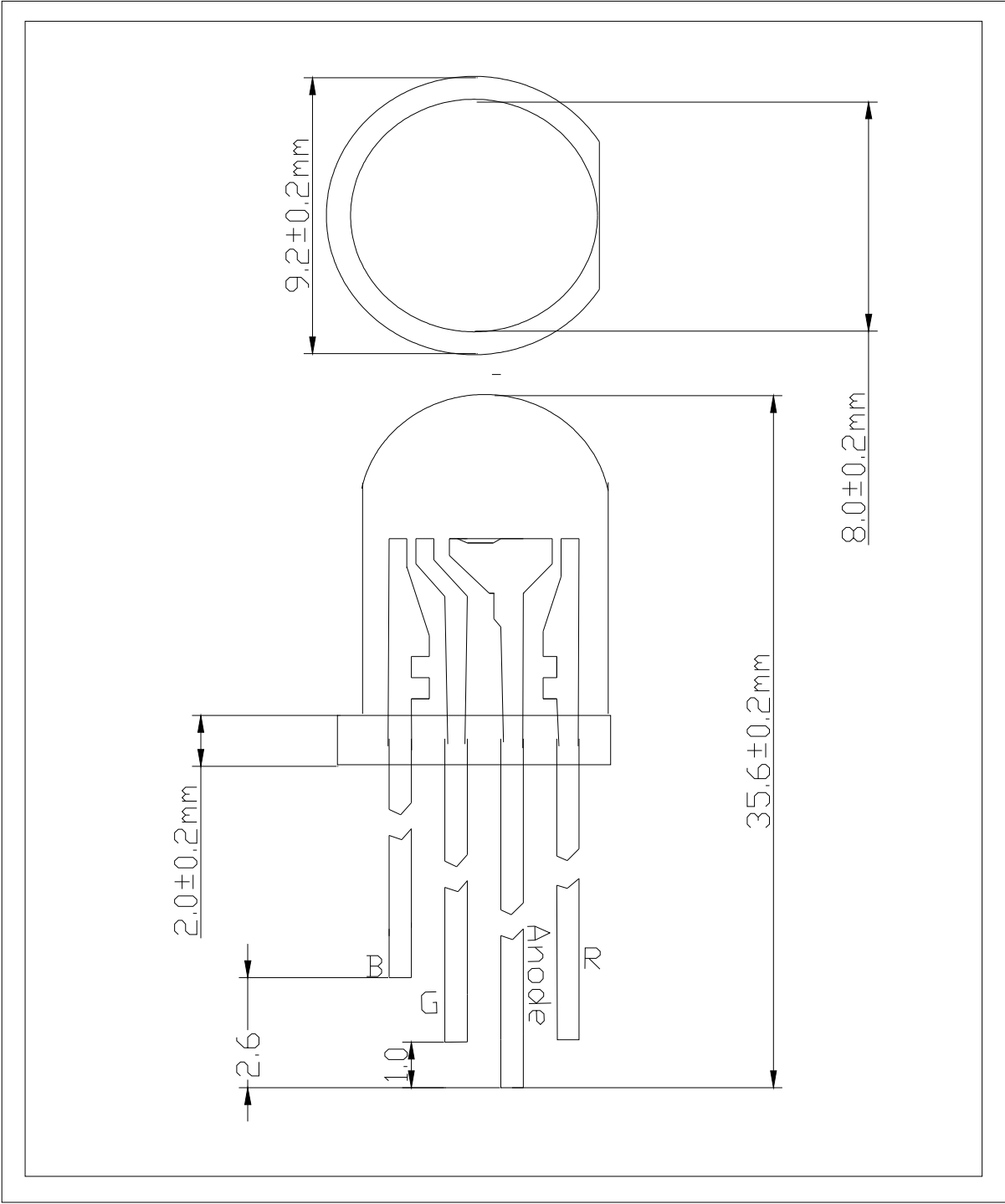
**BLUE COLOR :**

Parameter	Symbol	Min	Typ.	Max	Unit	Test Condition
Forward voltage	$V_F$	❖	3.0	3.5	V	IF= 20 mA
Luminous intensity	$I_V$	2000	3000	❖	mcd	IF= 20 mA
Peak emission wavelength	$\lambda_p$	❖	460	470	nm	❖
Half intensity angle	$\triangle \theta$	❖	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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