

DEVICE TYPE : HT504RGB-C-A

THREE COLOR 5.0mm LAMP

**Light color : Red, Blue, Green Color****Absolute maximum rating ( Ta=25°C )**

- Reverse current : 100  $\mu$ A
- Peak current ( duty=0.1,1KHz ) : 100 mA
- Operating/Storage temperature range : -30°C~ +85°C
- Derating linear from 25°C : 0.4 mA/°C
- Lead soldering temperature range : 260°C for 5 second

**Electro-optical characteristics ( TA=25°C )****RED COLOR :**

Parameter	Symbol	Min	Typ.	Max	Unit	Test Condition
Forward voltage	VF	❖	2.00	2.35	V	IF=20 mA
Luminous intensity	IV		80	❖	mcd	IF=20 mA
Peak emission wavelength	$\lambda_p$		625	630	nm	❖
Half intensity angle	$\Delta\theta$	❖	40	❖	deg	❖

**GREEN COLOR :**

Parameter	Symbol	Min	Typ.	Max	Unit	Test Condition
Forward voltage	VF	❖	3.2	3.5	V	IF=20 mA
Luminous intensity	IV		160	❖	mcd	IF=20 mA
Peak emission wavelength	$\lambda_p$		515	520	nm	❖
Half intensity angle	$\Delta\theta$	❖	35	❖	deg	❖

**BLUE COLOR :**

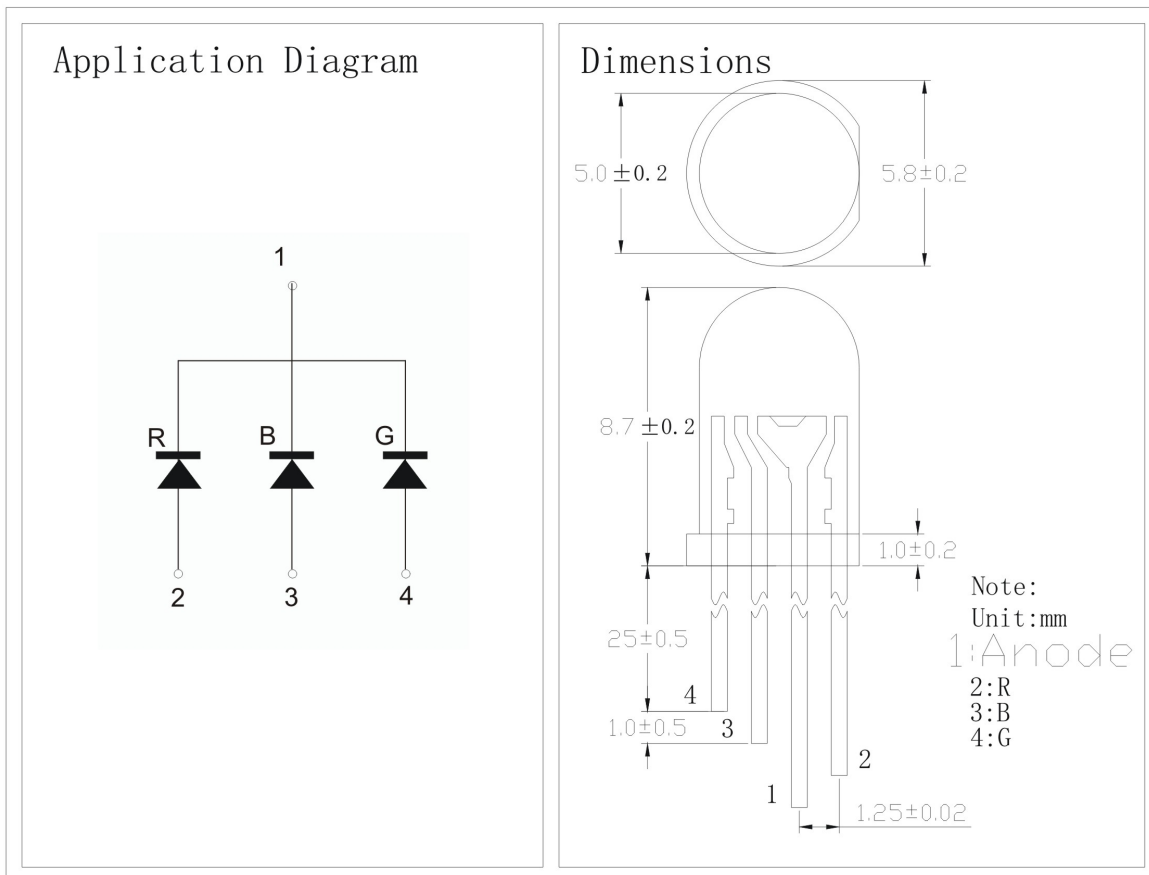
Parameter	Symbol	Min	Typ.	Max	Unit	Test Condition
Forward voltage	VF	❖	3.2	3.5	V	IF=20 mA
Luminous intensity	IV		120	❖	mcd	IF=20 mA
Peak emission wavelength	$\lambda_p$		465	467.5	nm	❖
Half intensity angle	$\Delta\theta$	❖	38	❖	deg	❖

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

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**Application diagram or Dimensions**



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