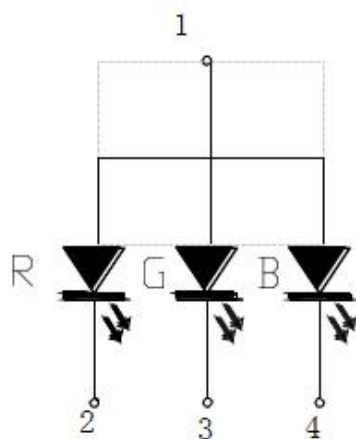


Specification For Approval

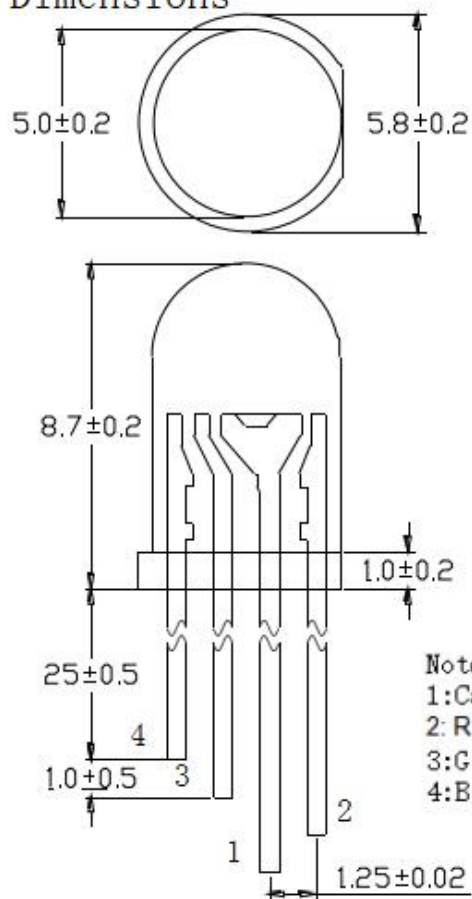
Product Model: **5WRGB4-Y-T-CC**

Dimensions: Unit: mm [inch]

Application Diagram



Dimensions





Product Model: **5WRGB4-Y-T-CC**

Light color: Red, Green, Blue

Color Absolute maximum rating (Ta=25°C)

- Reverse current: 100 μ 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	❖	1.9	2.1	V	IF=20 mA
Luminous intensity	IV		1700	❖	mcd	IF=20 mA
Peak emission wavelength	λ_p		620	625	nm	❖
Half intensity angle	$\Delta \ominus$	❖	25	❖	deg	❖

GREEN COLOR:

Parameter	Symbol	Min	Typ.	Max	Unit	Test Condition
Forward voltage	VF	❖	3.0	3.5	V	IF=20 mA
Luminous intensity	IV		5000	❖	mcd	IF=20 mA
Peak emission wavelength	λ_p		520	525	nm	❖
Half intensity angle	$\Delta \ominus$	❖	25	❖	deg	❖

BLUE COLOR:

Parameter	Symbol	Min	Typ.	Max	Unit	Test Condition
Forward voltage	VF	❖	3.0	3.5	V	IF=20 mA
Luminous intensity	IV		4000	❖	mcd	IF=20 mA
Peak emission wavelength	λ_p		465	470	nm	❖
Half intensity angle	$\Delta \ominus$	❖	25	❖	deg	❖