



DONGGUAN PENGYUAN OPTOELECTRONICS TECHNOLOGY CO., LTD.

东莞市鹏远光电科技有限公司

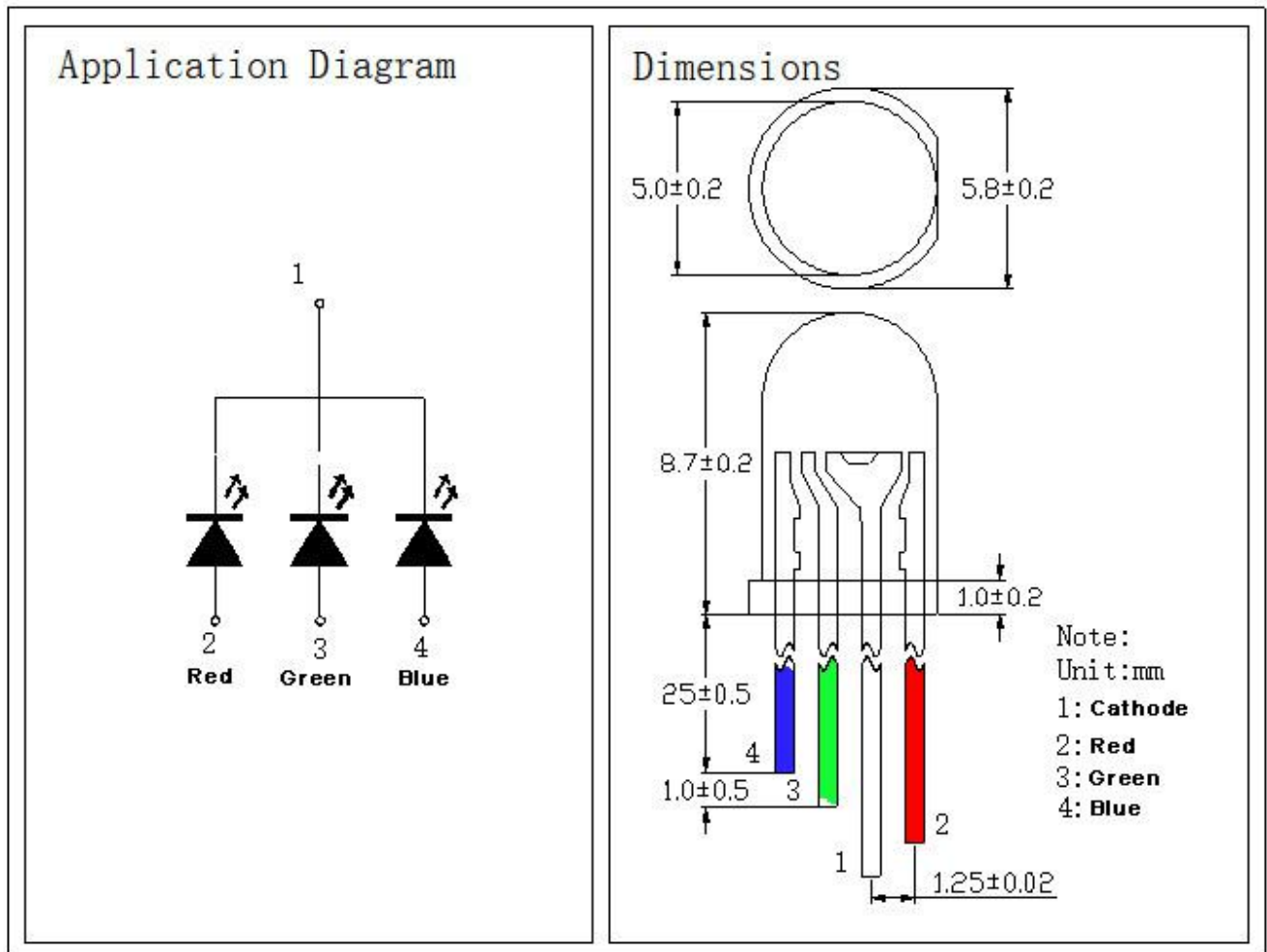
TEL:0769-81732500 81732400 87711337 FAX:0769-87711335

承认书

Specification For Approval

产品型号 Product Model: RGB-LED-CC-5-WC

尺寸 Dimensions: 单位 Unit: 毫米 mm [英寸] [inch]



产品型号 Product Model: RGB-LED-CC-5-WC

Light color: Red、Green、Blue Color

Water clear lens



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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	Δ^\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	Δ^\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	Δ^\ominus	❖	25	❖	deg	❖