Part [redacted]

光电参数 Ta=25 (ta=25 Ṇ)

ǟ Parameter	ˆ Symbol	Color	Data			˥ β Symbol	Ð Test Condition
			ṿ Min	شخ Average	ṿ Max		
h ˧ Forward Voltage	VF	orange	ϰ	2.0	ϰ	V	IF=20mA
		green	ϰ	3.0	ϰ	V	IF=20mA
		white	ϰ	3.0	ϰ	V	IF=20mA
ᾠ Light Intensity	Iv	orange	ϰ	100	ϰ	mcd	IF=20mA
		green	ϰ	600	ϰ	mcd	IF=20mA
		white	ϰ	800	ϰ	mcd	IF=20mA
h The main wavelength	λd	orange	ϰ	605	ϰ	nm	IF=20mA
		green	ϰ	520	ϰ	nm	IF=20mA
ṿ The peak wavelength	λp	orange	ϰ	602	ϰ	nm	IF=20mA
		green	ϰ	528	ϰ	nm	IF=20mA
شم ṿ Color coordinate value	X	white	--	0.2381	--	/	IF=20mA
	Y		--	0.2171	--		
˥ Spectral Line Half-Width	Y	orange	ϰ	20	ϰ	nm	IF=20mA
		green	ϰ	28	ϰ	nm	IF=20mA
ǐ h Reverse current	IR		ϰ	ϰ	1	μA	Vr=5V
˥ ᾠ Viewing Angle	2θ1/2		ϰ	120	ϰ	Deg	IF=20mA

Brightness grading:

Code	Min	Max	Unit	Test conditions
D2	80	120	mcd	IF=20mA
D3	120	150		
D4	150	180		
E6	600	700		
E7	700	800		
E8	800	900		
E9	900	1000		

Voltage grading:

Code	Min	Max	Unit	Test conditions
R8-4	1.8	2.2	V	IF=20mA
N16-4	2.6	3.0		
N17-4	2.7	3.1		

波长分档:

Wavelength grading:

Code	Min	Max	Unit	Test conditions
HO01	600	602.5	nm	IF=20mA
HO02	602.5	605		
HO03	605	607.5		
HG02	515	520		
HG03	520	525		
HG04	525	530		

Part

使用注意事项（2）

Precautions (2)

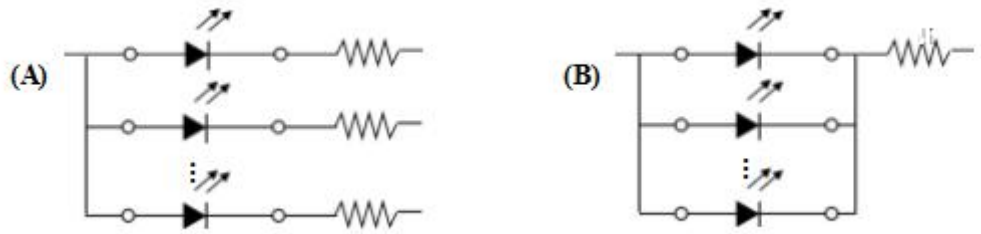
3. 设计建[illegible]

Design C[illegible]eration

[illegible] LED [illegible] ą Ḡ [illegible] ą γ Ѝ Ã [illegible] ɷ LED ʼ ƀ ą ˆ B˜ [illegible] ضي [illegible] ˆ Ѝ LED h ˆ VF ˜ ǖ [illegible] ψ ӊ ǖ [illegible] ą ʼ LED [illegible] Â

In designi[illegible] a circuit, the current through each LED must not exceed the absolute maximum rating specified for each LED. In the meanwhile, resistors for protection should be applied, otherwise slight voltage shift will cause big cur[illegible] change, burn out may happen.

It is recommended to use Circuit A which regulates the current flowing through each LED rather than Circuit B. When driving LEDs with a constant voltage in Circuit B, the current through the LEDs may vary due to the variation in Forward Voltage (V_F) of the LEDs. In the worst case, some LED may be subjected to stresses in excess of the Absolute Maximum Rating.



LED [illegible] ǖ [illegible] [illegible] ǖ [illegible] Â [illegible] ψ γ LED ǖ ǖ [illegible] ǖ ǖ [illegible] ضي γ [illegible] Ḥ№ Â

Thermal Design is paramount importance

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