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光电参数 Ta=25 (ta=25 Ņ)

Forward Voltage	VF	orange	и	2.0	и	V	IF=20mA
		green	и	3.0	и	V	IF=20mA
		white	и	3.0	и	V	IF=20mA
Light Intensity	Iv	orange	и	100	и	mcd	IF=20mA
		green	и	660	и	mcd	IF=20mA
		white	и	900	и	mcd	IF=20mA
The main wavelength	λd	orange	и	605	и	nm	IF=20mA
		green	и	520	и	nm	IF=20mA
The peak wavelength	λp	orange	и	602	и	nm	IF=20mA
		green	и	528	и	nm	IF=20mA
Color coordinate value	X	white	--	0.2381	--	/	IF=20mA
	Y		--	0.2171	--		
Spectral Line Half-Width	Y	orange	и	20	и	nm	IF=20mA
		green	и	28	и	nm	IF=20mA
Reverse current		IR	и	и	1		

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可靠性试验

Reliability Test Items And Conditions

Class	Test item	Testing environment	Testing time	Reference standard
	ث Working life	Ø Ù, Ø Ø 20mf ^ontinuou‰ighti˜g at xthe maximumated current at roome˜eratΓ	100 ¡ 0 KRXUV 4 +72 24hours +72hours	
Endurance test	Ø	,5 5HIORZ In-Board, 2 Times a= , H=0 ¸ · 95% Ø		

Ø

Endurance test

Working life

Ø Ù, Ø

Ø 20mf ^ontinuou‰ighti˜g at xthe maximumated current at roome˜eratΓ

100 ¡ 0 KRXUV

4 +72

24hours +72hours

,5 5HIORZ In-Board, 2 Times

a= , H=0 ¸ · 95% Ø

Part [redacted]

Part [redacted]

使用注意事项（2）

Precautions (2)

设计建议

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ą ɣЙ A˜ ˇ ɷ LED ' Ь ą ˆ B˜ ˇ ضِ

۱ ˉ Й LED h ۱ˆ V_F˜ ŭ ǐ. ˇ Ψ ң ŭ ǐ. ˇ ˆ ą ˈ LED ǐ

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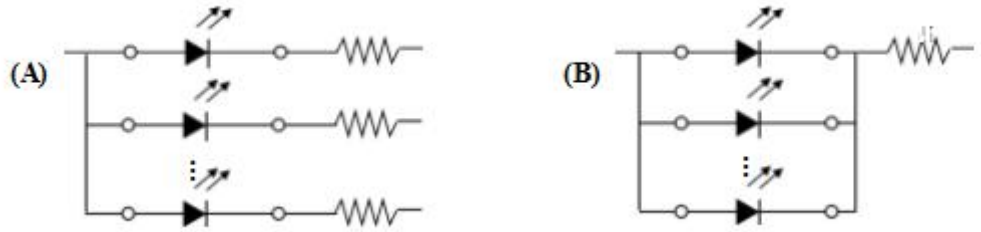
In designing a circuit, the current through each LED must not exceed the absolute maximum rating specified for each LED. In the meanwhile, resistors for protection should be applied, otherwise slight voltage shift will cause big current change, burn out may happen.

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.



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