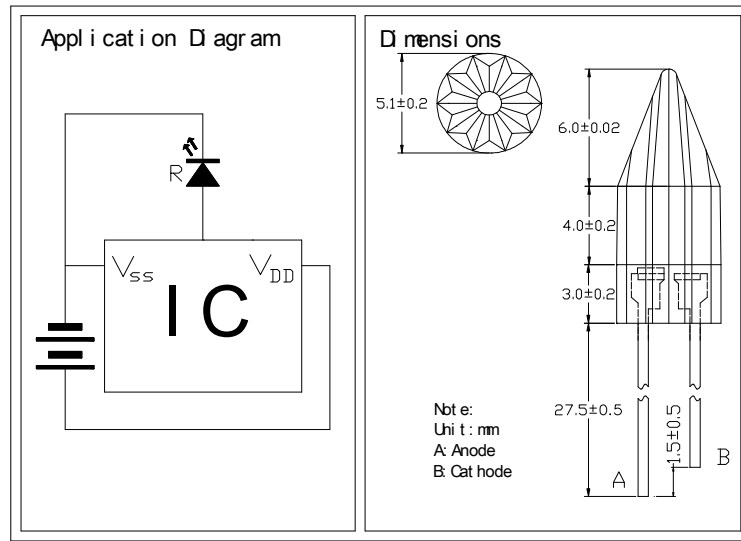


SPECIFICATION FOR APPROVAL

5mm candle light led warm white



Parameter	Symbol	Min	Typ.	Max	Unit	Test Condition
Luminous intensity	I_V		500	-	mcd	$I_F = 20 \text{ mA}$
Peak emission wavelength	λ_p		3200	3800	nm	-
Half intensity angle	$\square\Theta$	-	150	-	deg	-

Parameter	Symbol	Min	Typ.	Max	Unit	Remarks
Operating voltage	V_{DD}	3.2	3.5	4.0	V	-
Driver Current	I_{ol}		30		mA	@ $V_{DS}=1.2V$
Power Consumption	P_o		120		mW	$V_{DD}=4.5V$
Flash Frequency	F_{tet}		-		Hz	External $\pm 30\%$

Color : warm white

Absolute maximum rating ($T_a = 25^\circ\text{C}$)

Reverse current : 100 mA

Peak current (duty = 0.1, 1KHz) : 100 mA

Operating/Storage temperature range : $-30^\circ\text{C} \sim +85^\circ\text{C}$

Operating linear from 25°C : 0.4 mA/ $^\circ\text{C}$

Lead soldering temperature range : 260°C for 5 second

Electro-optical characteristics ($T_A = 25^\circ\text{C}$)

