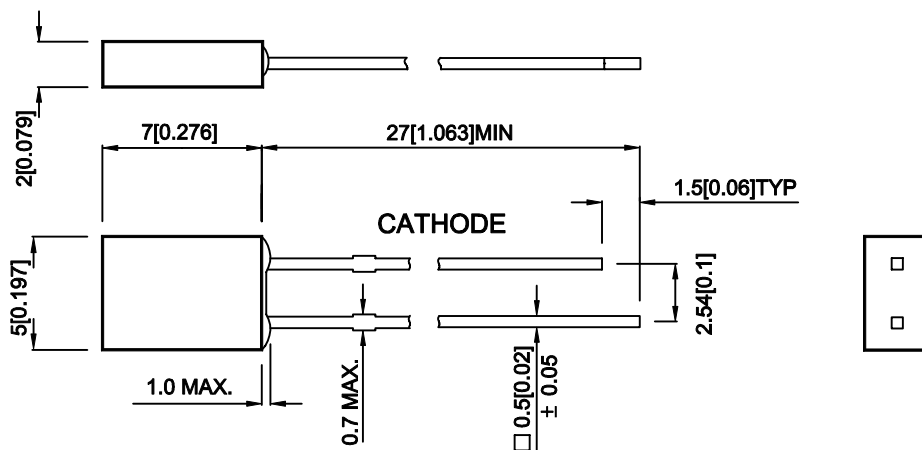


High Power 2X5mm WHITE LED LAMP



UNIT : MM(INCH)

TOLERANCE : $\pm 0.25[\pm 0.01]$ UNLESS OTHERWISE NOTED

* Absolute Maximum Ratings

Item	Symbol	Rating	Unit
Forward Current	I_F	30	mA
Reverse Voltage	V_R	5	V
Pulse Forward Current Duty 1/10 Pulse width 0.1ms	I_{FP}	100	mA
Power Dissipation	P_O	120	mW
Operating Temperature	T_{opr}	-30~+80	° C
Storage Temperature	T_{stg}	-40~+100	° C

* Electrical and Optical Characteristics ($T_A=25^\circ\text{C}$)

Item	Symbol	Condition	Min.	Typ.	Max.	UNIT
Forward Voltage	V_F	$I_F=20\text{mA}$	-	3.6	4.0	V
Reverse Current	I_R	$V_R=5\text{V}$	-	10	-	uA
Chromaticity Coordinates	X	$I_F=20\text{mA}$	-	0.31	-	
	Y		-	0.32	-	

Selection Guide

Part No.	Dice	Lens Type	I_v (mcd) @20mA		Viewing Angle
			Min.	Typ.	2θ 1/2
L113MWC	WHITE (GaN)	WATER CLEAR	12.5	30	90°

APPROVED:

J. Chuang

CHECKED:

J. Chao

DRAWN :

L.N. Sheu

SCALE :

3 : 1

DATA NO. : F4604

V.1

DATE : APR/07/2000