



YETDA INDUSTRY LTD.

5mm White LED Lamps S502TW4G-Z

ESD Over 8000V

5mm with InGaN Dice ◦

Encapsulated with Water Clear Package ◦

Long Leads ◦

Absolute Maximum Ratings :

Parameter	Maximum Rating	Unit
Peak Forward Current	120	mA
Continuous Forward Current	30	mA
Operating Temperature Range	-20°C to +75°C	
Storage Temperature Range	-40°C to +100°C	
Lead Soldering Temperature	260°C for 3 seconds 1.6mm(0.063 inch) from body	

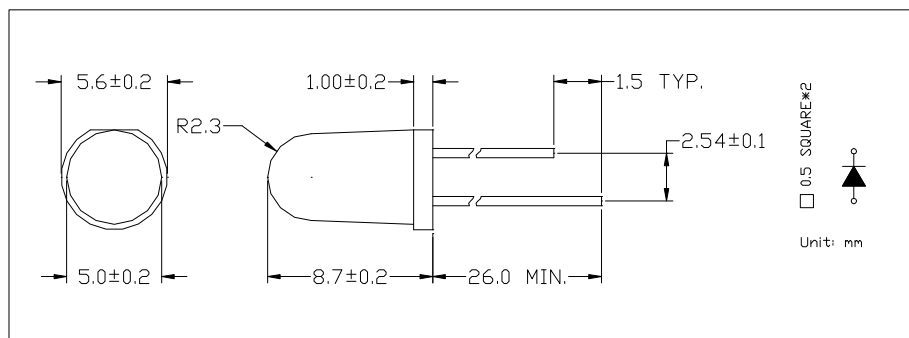
Electro-Optical Characteristics (Ta = 25°C)

Parameter Radiant	Test Condition	Symbol	Min.	Typ.	Max.	Unit
Forward Voltage	If = 20mA	Vf	3.0	3.6	3.5	V
Reverse Current	Vr = 5V	Ir			10	uA
Luminous Intensity	If = 20mA	Iv		20000		mcd
Spectral Bandwidth	If = 20mA	$\Delta\lambda$				nm
Wavelength	If = 20mA	X		0.28		
		Y		0.28		
Half View Angle	If = 20mA	2 θ 1/2		20		deg

Please refer to CIE1931 Chromaticity Coordinate diagram

Package

Item: 502



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