

S810TG4D-H

10mm Ultra Bright Pure-green LED Lamps

10mm with InGaN Dice

Encapsulated with Water Clear Lens Package

Long Leads

Absolute Maximum Ratings :

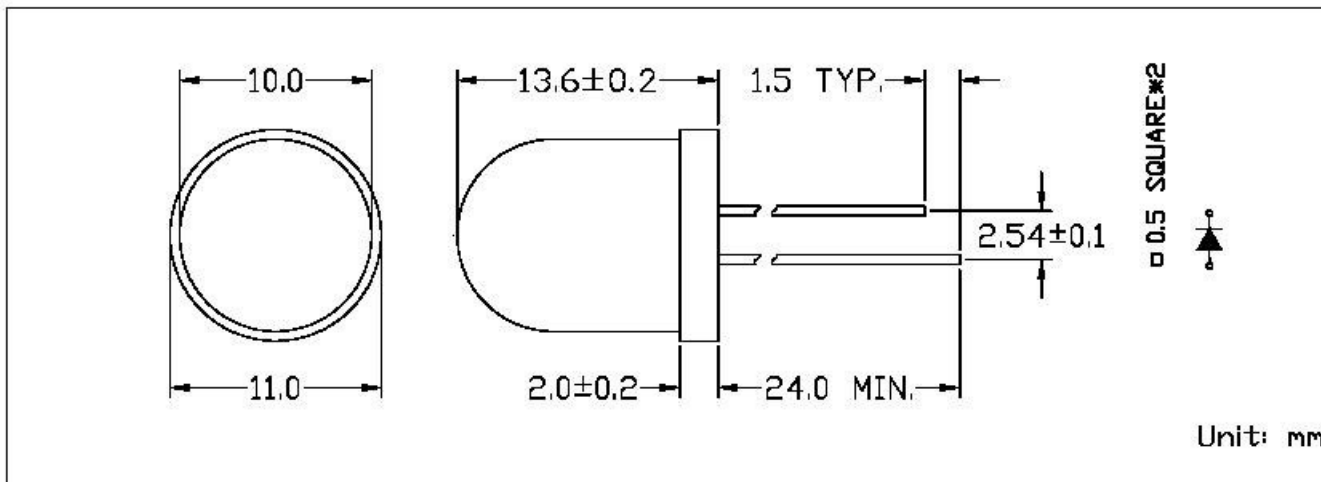
Parameter	Maximum Rating	Unit
Peak Forward Current	120	mA
Continuous Forward Current	30	mA
Operating Temperature Range	-20°C to +75°C	
Storage Temperature Range	-40°C to +100°C	
Lead Soldering Temperature	260°C for 3 seconds 1.6mm (0.063 inch) from body	

Electro-Optical Characteristics (Ta = 25°C)

Parameter Radiant	Test Condition	Symbol	Min.	Typ.	Max.	Unit
Forward Voltage	If = 20mA	Vf	2.80	3.20	3.80	V
Reverse Current	Vr = 5V	Ir			10	uA
Luminous Intensity	If = 20mA	Iv		8500	12500	mcd
Spectral Bandwidth	If = 20mA	$\Delta\lambda$		20		nm
Wavelength	If = 20mA	λ_p		530		nm
		λ_d	510	520	535	nm
Half View Angle	If = 20mA	2 $\theta_{1/2}$		30		deg

Package

Item: (10mm) 810



Unit: mm

