



10mm Super Bright Green LED Lamps Q810HCG1D

10 mm with AlGaInP dice ◦

Encapsulated with Green Diffused package ◦

Long Leads ◦

Absolute Maximum Ratings :

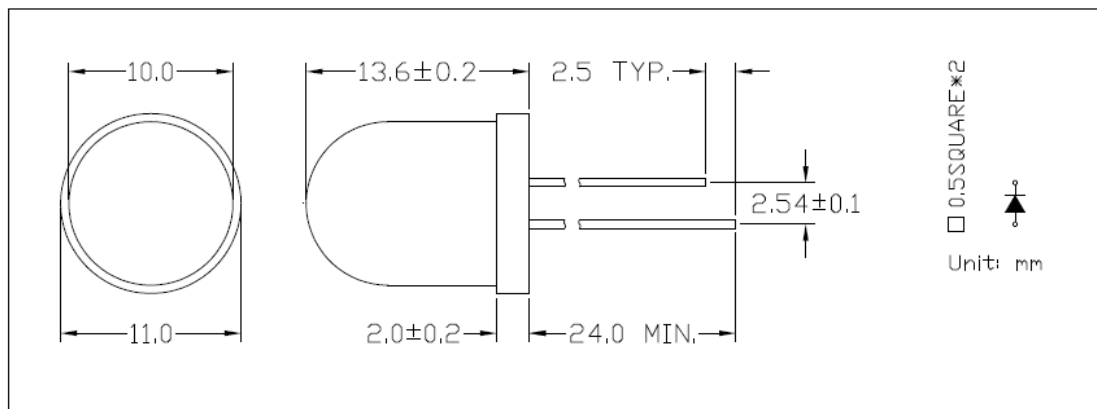
Parameter	Maximum Rating	Unit
Peak Forward Current	120	mA
Continuous Forward Current	30	mA
Operating Temperature Range	-40°C to +85°C	
Storage Temperature Range	-50°C to +100°C	
Lead Soldering Temperature	260°C for 3 seconds 1.6mm(0.063 inch) from body	

Electro-Optical Characteristics (Ta = 25°C)

Parameter	Test Condition	Symbol	Min.	Typ.	Max.	Unit
Forward Voltage	I _F = 20mA	V _F		2.00	2.40	V
Reverse Current	V _r = 5V				10	uA
Luminous Intensity	I _F = 20mA	I _R		700		mcd
Spectral Bandwidth	I _F = 20mA	I _v		35		nm
Wavelength	I _F = 20mA			572		nm
	I _F = 20mA	λ _D		571	573	nm
Viewing Angle	I _F = 20mA	2 θ _{1/2}		80		deg

Package

Item: 810 (10mm)



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