



YETDA INDUSTRY LTD

5mm Yellow Super Bright LED Lamps Q500HCY1D

- 5 mm with AlGaInP dice ◦
- Encapsulated with Yellow diffused lens package ◦
- * Long leads ◦

Absolute Maximum Ratings :

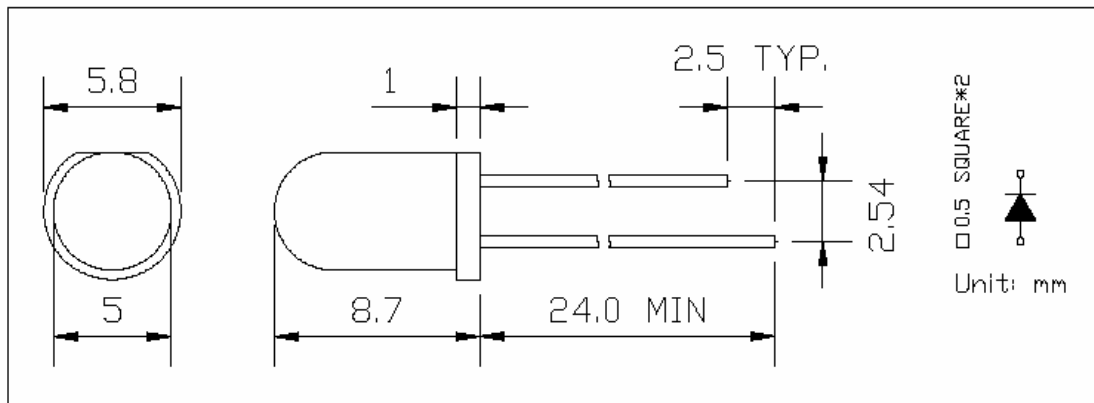
Parameter	Maximum Rating	Unit
Peak Forward Current	120	mA
Continuous Forward Current	30	mA
Operating Temperature Range	-40°C to + 85°C	
Storage Temperature Range	-50°C + 100°C	
Lead Soldering Temperature	260°C for 3 seconds 1.6mm(0.063 inch) from body	

Electro-Optical Characteristics (Ta = 25°C)

Parameter Radiant	Test Condition	Symbol	Min.	Typ.	Max.	Unit
Forward Voltage	If = 20mA	Vf		2.0	2.40	V
Reverse Current	Vr = 5V	Ir			10	uA
Luminous Intensity	If = 20mA	Iv		200		mcd
Spectral Bandwidth	If = 20mA	$\Delta\lambda$		35		nm
Wavelength	If = 20mA	Δp		590		nm
		Δd		585		nm
Half View Angle	If = 20mA	2 θ 1/2		80		deg

Package

Item: 500



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