



YETDA INDUSTRY LTD.

## 5mm Bullet Red Super Bright LED Lamps Q502ICH4D

- 5 mm Bullet with AlGaInP dice ◦
- Encapsulated with Water Clear Lens package ◦
- Long Leads ◦

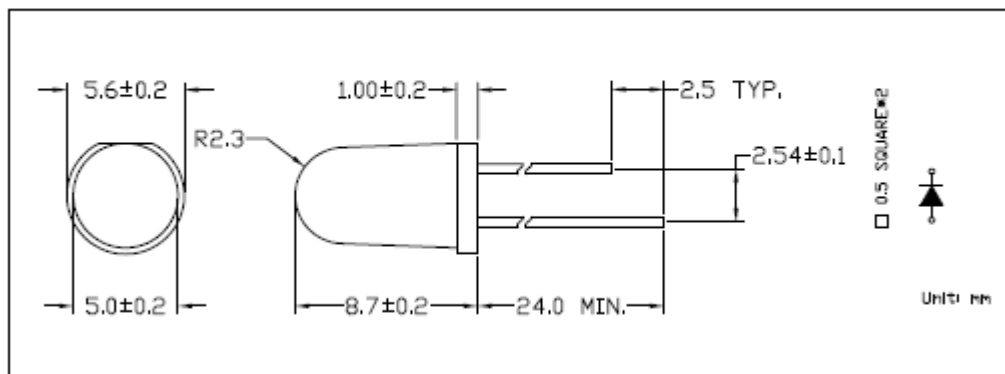
### Absolute Maximum Ratings :

Parameter	Maximum Rating	Unit
Peak Forward Current	120	mA
Continuous Forward Current	30	mA
Operating Temperature Range	-20°C to +80°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	Test Condition	Symbol	Min.	Typ.	Max.	Unit
Forward Voltage	I <sub>F</sub> = 20mA	V <sub>F</sub>		2.0	2.40	V
Reverse Current	V <sub>R</sub> = 5V	I <sub>R</sub>			10	uA
Luminous Intensity	I <sub>F</sub> = 20mA	I <sub>V</sub>		6000		mcd
Spectral Bandwidth	I <sub>F</sub> = 20mA	Δλ		35		nm
Wavelength	I <sub>F</sub> = 20mA	λ <sub>P</sub>		628		nm
	I <sub>F</sub> = 20mA	λ <sub>D</sub>	620	625	630	nm
Viewing Angle	I <sub>F</sub> = 20mA	2 θ <sub>1/2</sub>		10		deg

Item: 502



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