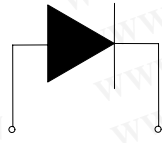
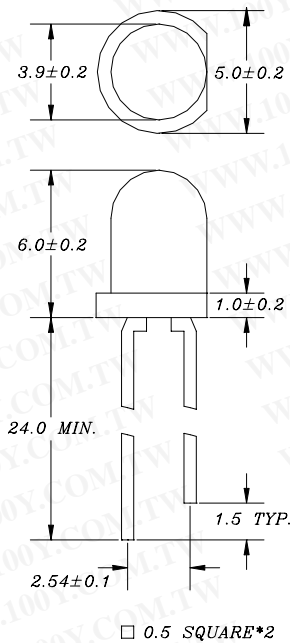


Package Dimensions



勝特力材料 886-3-5753170
 勝特力电子(上海) 86-21-34970699
 勝特力电子(深圳) 86-755-83298787
[Http://www.100y.com.tw](http://www.100y.com.tw)

- Notes: 1. All dimensions are in millimeters (inches).
 2. Tolerance is $\pm 0.25\text{mm}(.010\text{'})$ unless otherwise noted.
 3. Protruded resin under flange is 1.0mm(.04") max.
 4. Lead spacing is measured where the leads emerge from the package.
 5. Specifications are subject to change without notice.

Absolute Maximum Ratings at TA=25°C

Electrical / Optical Characteristics at TA=25°C

Parameter	Maximum Rating	Unit
Power Dissipation	50	mW
Peak Forward Current (1/10 Duty Cycle, 0.1ms Pulse Width)	60	mA
Continuous Forward Current	20	mA
Reverse Voltage	5	V
Operating Temperature Range	-20°C to +80°C	
Storage Temperature Range	-55°C to +100°C	
Lead Soldering Temperature [1.6mm(.063") From Body]	260°C for 5 Seconds	

Parameter	Symbol	Min.	Typ.	Max.	Unit	Test Condition
Luminous Intensity	IV	36	54		mcd	IF = 20mA
Viewing Angle	2θ 1/2		55		deg	IF = 20mA
Peak Emission Wavelength	λP		565		nm	IF = 20mA
Dominant Wavelength	λd	565	569	575	nm	IF = 20mA
Spectral Line Half-Width	$\Delta \lambda$		30		nm	IF = 20mA
Forward Voltage	VF		2.1	2.6	V	IF = 20mA
Reverse Current	IR			100	μA	VR = 5V

TYPICAL ELECTRON-OPTICAL CHARACTERISTIC CURVES
 25°C Free Air Temperature Unless Otherwise Specified

