



**■Description**

- 100pcs standard 3mm LED are supplied in a storage box
- Easy to use and storage
- Widely applied to DIY projects, school science experiments, car decorations, etc.

**■Features**

- 3mm round standard 30° directivity
- UV resistant epoxy
- Warm white color
- Water Clear

**■Absolute Maximum Rating (Ta=25°C)**

Item	Symbol	Value	Unit
		Warm White	mA
DC Forward Current	I <sub>F</sub>	30	mA
Pulse Forward Current#	I <sub>FP</sub>	100	V
Reverse Voltage	V <sub>R</sub>	5	mW
Power Dissipation	P <sub>D</sub>	102	°C
Operating Temperature	T <sub>opr</sub>	-30 ~ +85	°C
Storage Temperature	T <sub>stg</sub>	-40~ +100	-
Lead Soldering Temperature	T <sub>sol</sub>	260°C/5sec	Unit

#Pulse width Max.10ms Duty ratio max 1/10

**■Electrical -Optical Characteristics (Ta=25°C)**

3mm LED	
LED P/N	OSM53131A
Light Color	Warm White
Lens Color	Water Clear
Color Temperature*1	2700-3300K
Luminous Intensity(typ.)*2	14400mcd
Forward Voltage*3	2.7-3.4V
Forward Current	20mA
Viewing Angle(typ.)	30°
Quantity(pcs)/Box	100

\*1 Tolerance of measurements of color temperature is ±10%

\*2 Tolerance of measurements of luminous intensity is ±15%

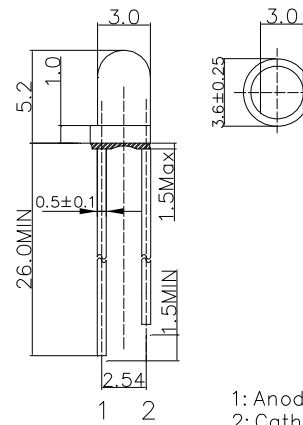
\*3 Tolerance of measurements of forward voltage is ±0.1V

**■Product Picture**

100pcs/Box (Dimensions: 80\*54\*30mm)



**■Outline Dimension**



1: Anode  
2: Cathode  
Unit: mm  
Tolerance: ±0.20mm  
unless otherwise noted

**■Directivity**

