



**■Description**

- 100pcs standard 0603 Chip LED are supplied in a storage box
- Easy to use and storage
- Widely applied to DIY projects, school science experiments, car decorations, etc.

**■Features**

- 1.6\*0.8\*0.6mm standard 120° directivity
- Pure white color
- Yellow diffused

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

Item	Symbol	Value	Unit
		Pure White	
DC Forward Current	I <sub>F</sub>	20	mA
Pulse Forward Current#	I <sub>FP</sub>	100	mA
Reverse Voltage	V <sub>R</sub>	5	V
Power Dissipation	P <sub>D</sub>	102	mW
Operating Temperature	T <sub>opr</sub>	-30 ~ +85	°C
Storage Temperature	T <sub>stg</sub>	-40~ +100	°C
Lead Soldering Temperature	T <sub>sol</sub>	260°C/10sec	-

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

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

0603 Chip LED	
LED P/N	OSW40603
Light Color	Pure White
Lens Color	Yellow Diffused
Color Temperature*1	5500-8500K
Luminous Intensity(typ.)*2	150mcd
Forward Voltage*3	2.5-3.4V
Forward Current	5mA
Viewing Angle(typ.)	120°
Quantity(pcs)/Box	100

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

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

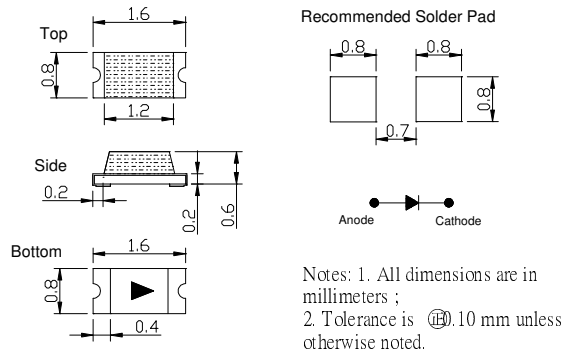
\*3 Tolerance of measurements of forward voltage is ±0.1V

**■Product Picture**

100pcs/Box (Dimensions:67\*\*49\*23mm)



**■Outline Dimension**



**■Directivity**

