



■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
- Warm white color
- Yellow diffused

■Absolute Maximum Rating (Ta=25°C)

Item	Symbol	Value	Unit
		Warm White	
DC Forward Current	I _F	20	mA
Pulse Forward Current#	I _{FP}	100	mA
Reverse Voltage	V _R	5	V
Power Dissipation	P _D	102	mW
Operating Temperature	Topr	-30 ~ +85	°C
Storage Temperature	Tstg	-40~ +100	°C
Lead Soldering Temperature	Tsol	260°C/10sec	-

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

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

0603 Chip LED	
LED P/N	OSM50603
Light Color	Warm White
Lens Color	Yellow Diffused
Color Temperature*1	2700-3300K
Luminous Intensity(typ.)*2	100mcd
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%

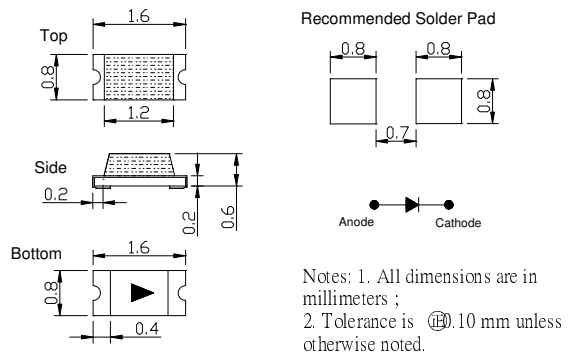
*3 Tolerance of measurements of forward voltage is ±0.1V

■Product Picture

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



■Outline Dimension



■Directivity

