



■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
- Red color
- Water clear

■Product Picture

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

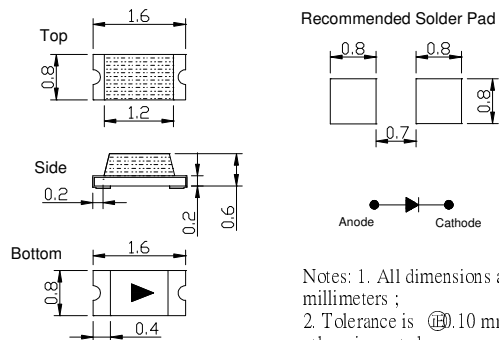


■Absolute Maximum Rating (Ta=25°C)

Item	Symbol	Value	Unit
		Red	
DC Forward Current	I _F	20	mA
Pulse Forward Current#	I _{FP}	100	mA
Reverse Voltage	V _R	5	V
Power Dissipation	P _D	72	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

■Outline Dimension



Notes: 1. All dimensions are in millimeters ;
2. Tolerance is ± 0.10 mm unless otherwise noted.

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

0603 Chip LED	
LED P/N	OSR50603
Light Color	Red
Lens Color	Water Clear
Wavelength*1	620-630nm
Luminous Intensity(typ.)*2	30mcd
Forward Voltage*3	1.6-2.4V
Forward Current	5mA
Viewing Angle(typ.)	120°
Quantity(pcs)/Box	100

*1 Tolerance of measurements of dominant wavelength is ± 1 nm
*2 Tolerance of measurements of luminous intensity is $\pm 15\%$
*3 Tolerance of measurements of forward voltage is ± 0.1 V

■Directivity

