



■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
- Yellow color
- Water clear

■Absolute Maximum Rating (Ta=25°C)

| Item | Symbol | Value | Unit |
|----------------------------|-----------------|-------------|------|
| | | Yellow | |
| 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

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

| 0603 Chip LED | |
|----------------------------|-------------|
| LED P/N | OSY50603 |
| Light Color | Yellow |
| Lens Color | Water Clear |
| Wavelength*1 | 585-595nm |
| 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 ±1nm

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

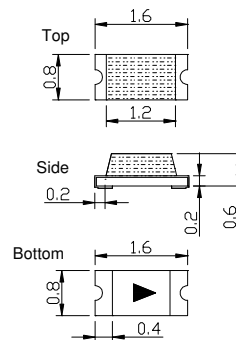
*3 Tolerance of measurements of forward voltage is ±0.1V

■Product Picture

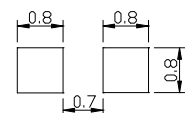
100pcs/Box (Dimensions:67**49*23mm)



■Outline Dimension



Recommended Solder Pad



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

■Directivity

