

LED0603

SMD(1.6*0.8mm) -White

Features

- Package in 8mmtape on 7" diameter reel
- Compatible with automatic placement equipment.
- Compatible with infrared and vapor phase reflow solder process.
- High intensity and reliability.
- High quality, Low power requirement and low cost.
- The product itself will remain within RoHS compliant version.
- Pb-free.
- ESD 1000V(HBM).



Absolute Maximum Ratings

Parameter	Symbol	Maximum	Unit
Power Dissipation	pd	70	mW
Peak Forward Current (Duty 1/10 @1KHz)	IF(Peak)	80	mA
Continuous Forward Current	IF	20	mA
Reverse Voltage	VR	5	V
Electrostatic Discharge(HBM)	ESD	1000	V
Operating Temperature Range	Topr	-30°C ~ +80°C	°C
Storage Temperature Range	Tstg	-40°C ~ +90°C	°C
Soldering Temperature	tsol	Reflow Soldering: 260°C for 10sec Hand Soldering: 350°C for 3sec	

Luminous Intensity Ranks

Part Name	Condition	Luminous intensity			Unit
		Min	Typ	Max	
LED0603	IF=5mA	120	150	180	mcd

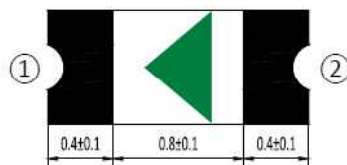
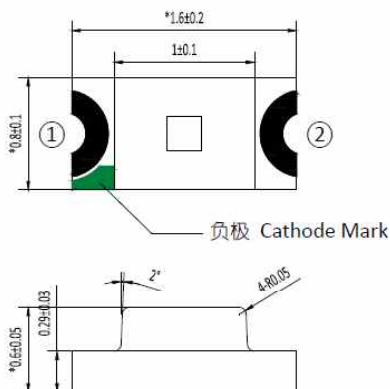
Forward Voltage Ranks

Part Name	Condition	Min	VF		Unit
			Typ	Max	
LED0603	IF=5mA	2.6	2.8	3.5	V

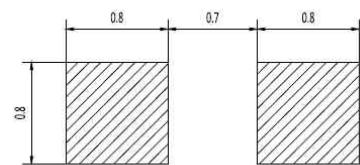
Dominant Wavelength

Part Name	Condition	Min	Typ	Max	Unit
LED0603	IF=5mA		120		Deg

LED Package Dimensions and Polarity



推荐焊盘尺寸
Recommend Soldering Pad



Note:
1. All dimensions are in millimeters.
2. Tolerances unspecified are ±0.1mm.