

JOINSCAN LEDs

SMT06032 0603 (1.6 × 0.8 × 0.8mm Lens 0.8 × 1.0mm Clear Type) Mono-Color Surface Mount LED

Electro-optica Characteristics :

Absolute Maximum Ratings :

(Ta = 25°)

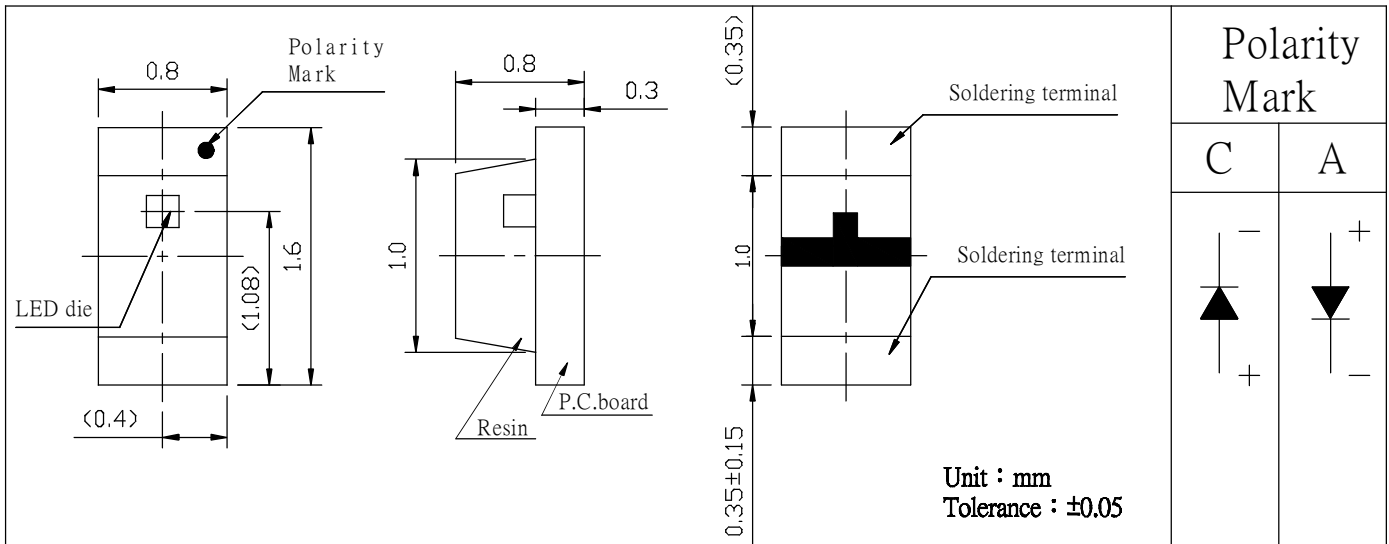
(Ta = 25°)

MODEL NO.		Lighting color	V _F			λ _p typ (nm)	Δλ typ (nm)	I _v			Polarity Mark
CLEAR LENS	DIFFUSION LENS		I _F (mA)	typ (v)	max (v)			I _F (mA)	min (mcd)	typ (mcd)	
SMT06032SR		Super Bright Red	20	1.9	2.6	660	20	20	25.0	C	
SMT06032SR+		Super Bright Red	20	1.9	2.6	660	20	20	25.0	A	
SMT06032G		Green color	20	2.2	2.6	570	30	20	9.5	C	
SMT06032Y		Yellow color	20	2.1	2.6	590	40	20	6.5	C	
SMT06032F		Blue color	20	3.4	4.0	430	40	20	5.0	C	
SMT06032SF		Super Blue color	20	3.4	4.0	470	40	20	25.0	C	
SMT06032YCS		Super Yellow color	20	2.1	2.6	590	40	20	35.0	C	
SMT06032DS		Super Orange Red	20	2.0	2.6	630	30	20	35.0	C	
SMT06032UA		Super Amber color	20	2.1	2.6	610	20	20	25.0	C	
SMT06032UG		Super Bright Green	20	2.2	2.6	572	30	20	25.0	C	
SMT06032GP		Super Pure Green	20	3.2	3.6	520	35	20	180	C	
SMT06032UY		Super Bright Yellow	20	2.2	2.6	590	40	20	25.0	C	
SMT06032UO		Super Bright Orange	20	2.0	2.6	625	30	20	25.0	C	
SMT06032GW		Super Bluish Green	20	3.4	4.0	505	20	20	25.0	C	

Series	SMT0603 Series
Pd (mW)	50
I _F (mA)	20
I _{FP} (mA)	100*1
Pd (mW)	5
Top (°C)	-25~+80
Tst (°C)	-30~+85

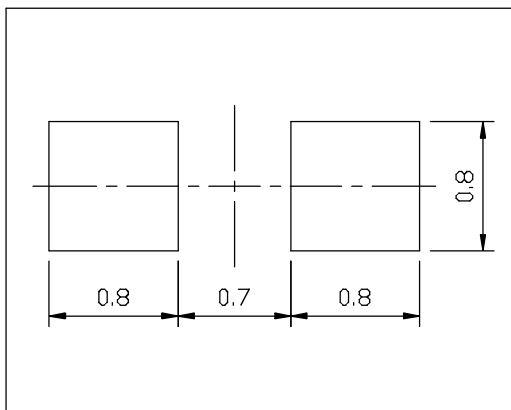
*1 Condition for I_{FP} is pulse of 1/10 duty and 0.1 msec width

Package Outline Drawing :



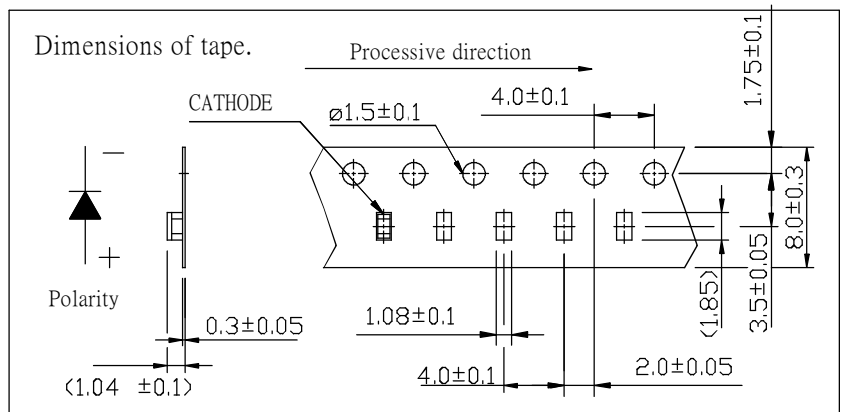
Dimensions : 1.6(L)×0.8(W)×0.8(H)mm.

Recommended Soldering Patten for reflow soldering :



Tape Specifications :

Loaded quantity per reel : 4000 pcs/reel



Remark :

1. Typical forward current 10~20mA, MAXimum forward current 25mA
2. Solder Temperature less 5 seconds at 235° C
3. Peak Foward current Per Dice, Duty cycle 1/10, 10KHZ, MAXimum 120mA
4. Operating Temperature From -25°C to 85° C
5. Blue color, pure green color and white color chip are static sensitive devices

Rev : C