

# JOINSCAN LEDs

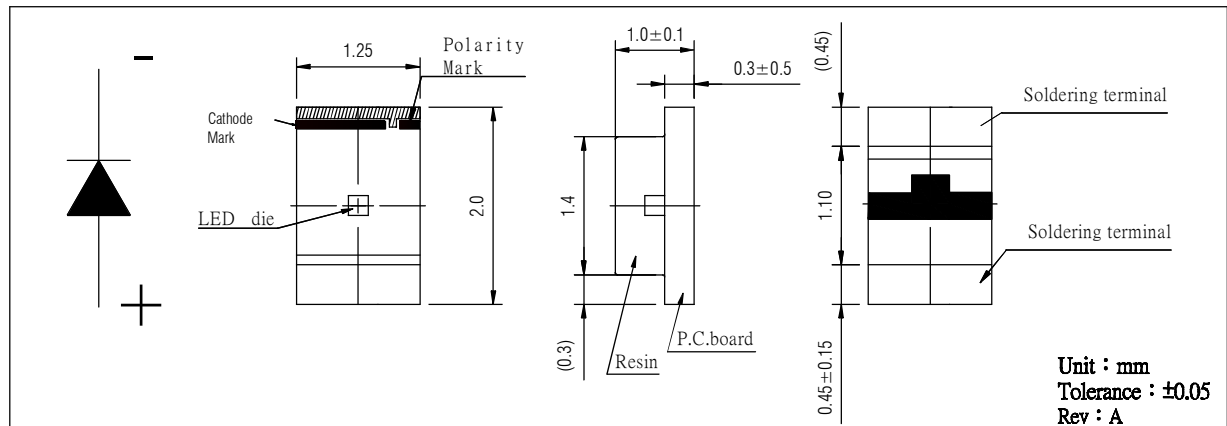
SMT 0805 (2.0X1.25X1.0mm) Mono-color Surface Mount LED	
MODEL NO.	SMT08052Y
EMITTING COLOR	Yellow Color

ABSOLUTE MAXIMUM RATINGS		Ta = 25°C	
PARAMETER	SYMBOL	RATING	UNIT
POWER DISSIPATION	P D	52	mW
FORWARD CURRENT	I F	20	mA
PEAK FORWARD CURRENT *1	I FP	100	mA
REVERSE VOLTAGE	V R	5.0	V
OPERATING TEMPERATURE	T OPR	-25°C TO - 85°C	
STORAGE TEMPERATURE	T STG	-30°C TO + 85°C	
SOLDER TEMPERATURE ( T=5 SEC)	T SOL	235°C	

(\*1 Condition for I<sub>FP</sub> is pulse of 1/10 duty and 0.1 msec width.)

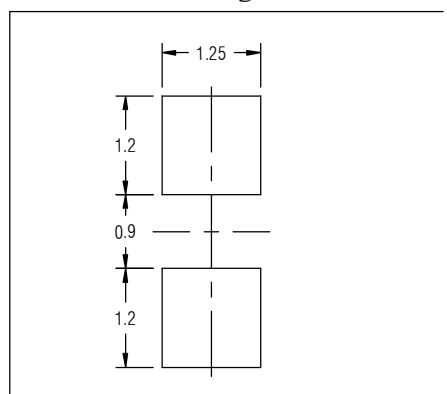
ELECTRO - OPTICAL CHARACTERISTICS		Ta = 25°C				
PARAMETER	SYMBOL	CONDITION	MIN	TYP	MAX	UNIT
FORWARD VOLTAGE	V F	I F = 20mA	—	2.2	2.6	V
LUMINOUS INTENSITY	I V	I F = 20mA	—	6.0	—	mcd
PEAK EMISSION WAVELENGTH	λ P	I F = 20mA	—	584	—	nm
REVERSE CURRENT	I R	V R = 5V	—	—	100	μA

## Package Outline Drawing :



Dimensions : 2.0(L)X1.25(W)X1.0(H)mm.

Recommended Soldering Patten  
for reflow soldering



## Tape Specifications :

Loaded quantity per reel : 3000 pcs/reel

