

JOINSCAN LEDs

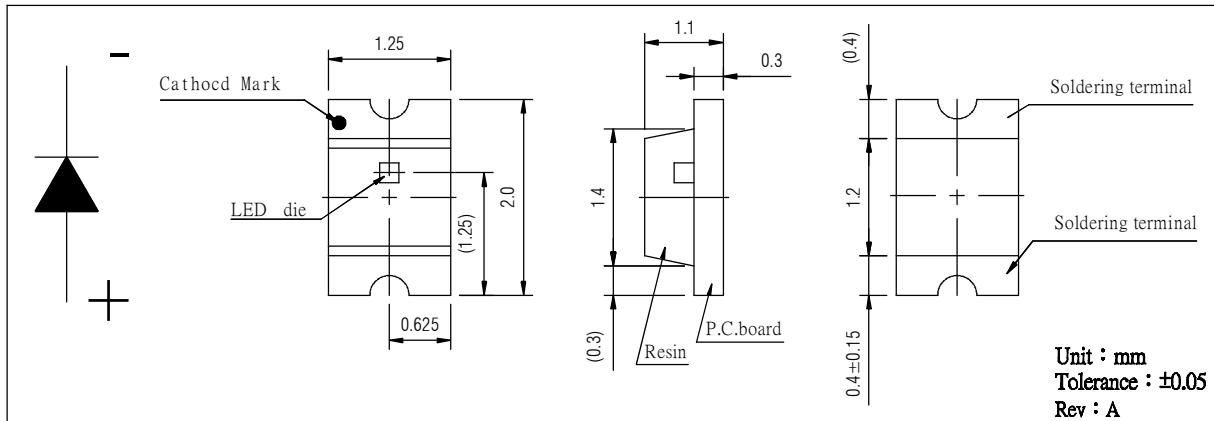
SMT 0805 (2.0X1.25X1.1mm) Mono-color Surface Mount LED	
MODEL NO.	SMT08053G
EMITTING COLOR	Green Color

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_{FP} is pulse of 1/10 duty and 0.1msec width.)

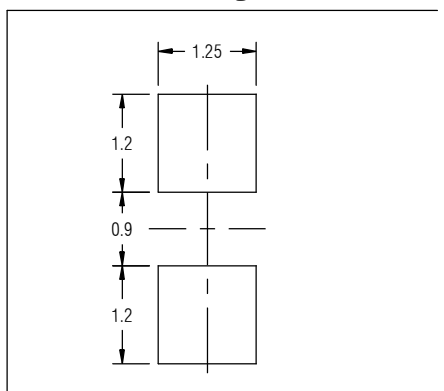
ELECTRO - OPTICAL CHARACTERISTICS		Ta = 25°C				
PARAMETER	SYMBOL	CONDITION	MIN	TYP	MAX	UNIT
FORWARD VOLTAGE	V F	I F = 20mA	—	2.2	2.6	V
LUMINOUS INTENSITY	IV	I F = 20mA	—	9.5	—	mcd
PEAK EMISSION WAVELENGTH	λ P	I F = 20mA	—	570	—	nm
REVERSE CURRENT	I R	V R = 5V	—	—	100	μA

Package Outline Drawing :



Dimensions : 2.0(L)X1.25(W)X1.1(H)mm.

Recommended Soldering Patten for reflow soldering



Tape Specifications :

Loaded quantity per reel : 3000 pcs/reel

