

# SML-810TB

Actual size  
3412(1305)  
3.4×1.25mm(t= 1.1mm)

## Features

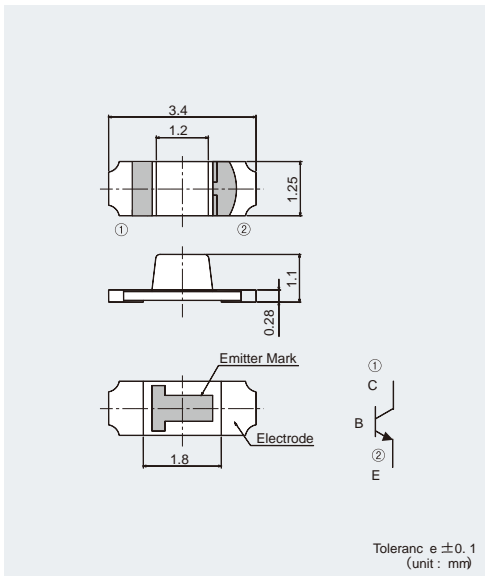
- Reverse-mount type phototransistors

Color Type **TB**

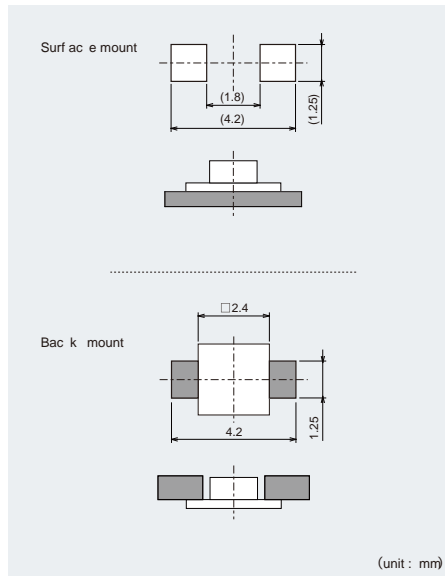
## Specifications

P a r t N o.	LE D Chip	A b s o l u t e M a x i m u m R a t i n g ( T a = 25°C )						E l e c t r i c a l a n d O p t i c a l C h a r a c t e r i s t i c s ( T a = 25°C )									
		C o l l e c t o r - E m i t t e r V o l t a g e ( V )	E m i t t e r - C o l l e c t o r V o l t a g e ( V )	C o l l e c t o r C u r r e n t ( m A )	C o l l e c t o r P o w e r D i s s i p a t i o n ( m W )	O p e r a t i n g T e m p e r a t u r e ( ° C )	S t o r a g e T e m p e r a t u r e ( ° C )	L i g h t C u r r e n t		D a r k C u r r e n t		S e n s i t i v i t y W a v e l e n g t h ( n m )	C o l l e c t o r - e m i t t e r S a t u r a t i o n V o l t a g e				
								Min. ( m A )	Max. ( m A )	V c e ( V )	V c e ( V )		Min. ( V )	Typ. ( V )	Max. ( V )	I c ( m A )	
□ SML-810T B	Si	32	5	30	80	-30 to + 85	-30 to + 100	2.3	3.8	5/ 500	0.5	10	800	—	—	0.4	0.1/ 500

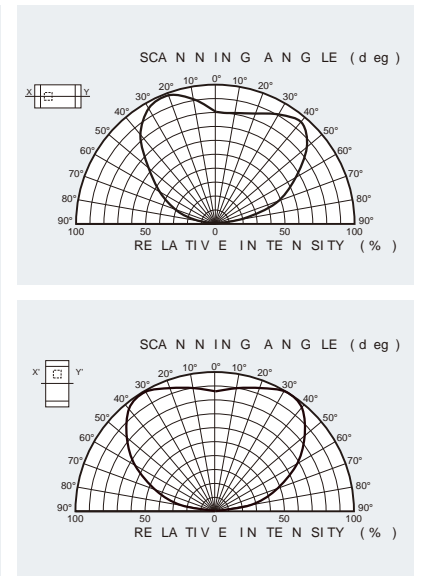
## Dimensions



## Recommended Solder Pattern

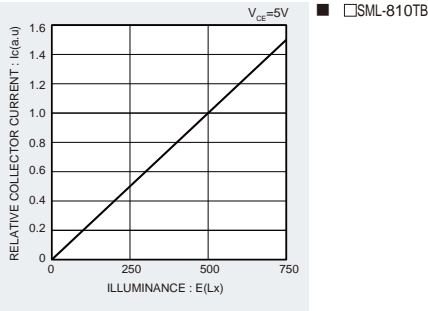


## Viewing Angle

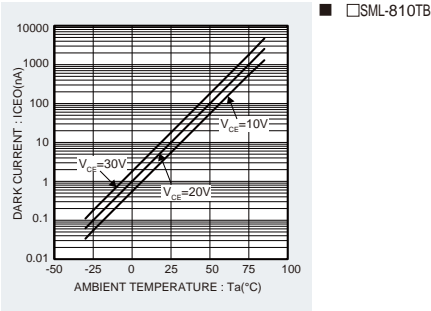


Electrical Characteristics Curves

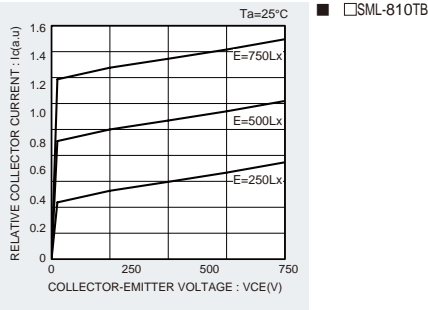
Collector Current - Illuminance



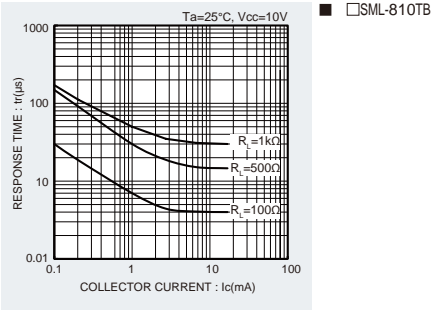
Dark Current - Ambient Temperature



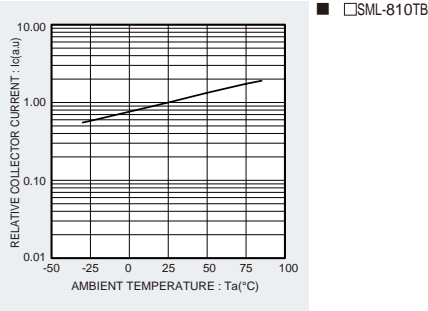
Collector Current - Collector-Emitter Voltage



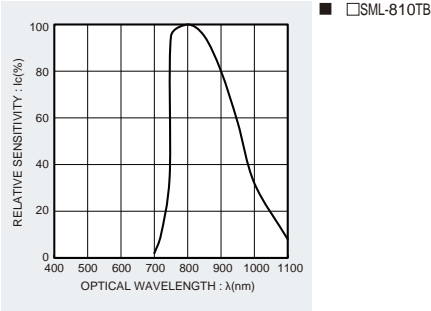
Response Time - Collector Current



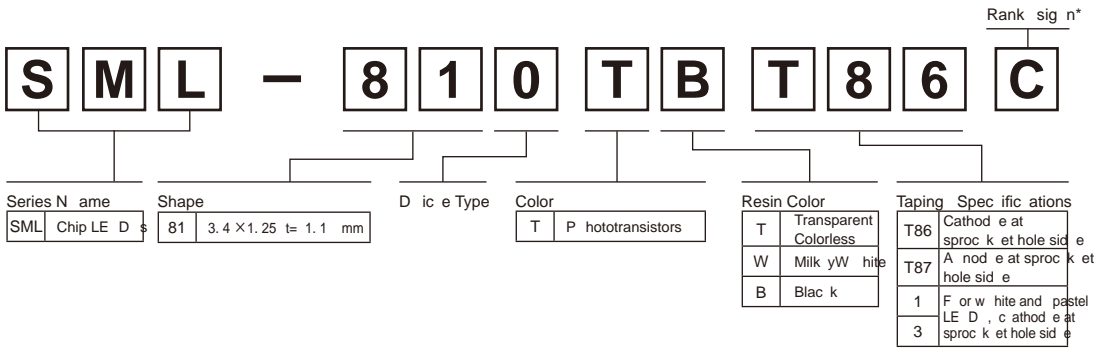
Collector Current - Ambient Temperature



Spectral Sensitivity Characteristic



Part No. Construction



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