


SML-810TB

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

Features

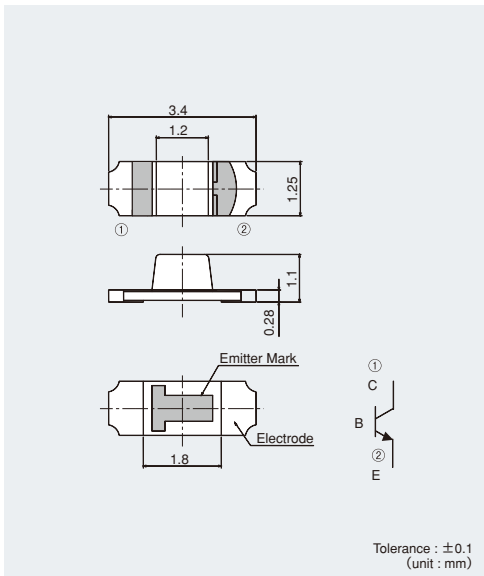
- Reverse-mount type phototransistors

Color Type TB

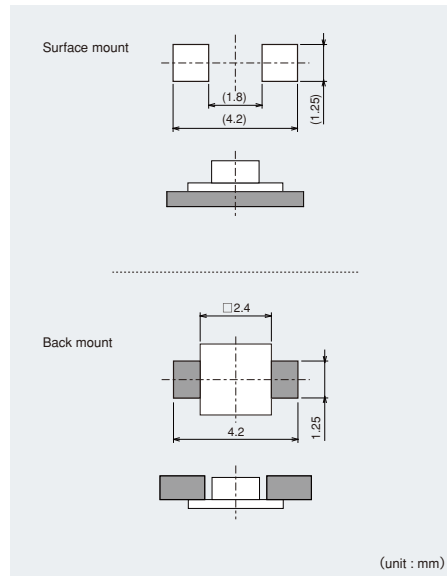
Specifications

Part No.	LED Chip	Absolute Maximum Ratings (Ta=25°C)						Electrical and Optical Characteristics (Ta=25°C)									
		Collector-Emitter Voltage(V)	Emitter-Collector Voltage(V)	Collector Current (mA)	Collector Power Dissipation (mA)	Operating Temperature Topr(°C)	Storage Temperature Tstg(°C)	Light Current			Dark Current		Sensitivity Wavelength		Collector-emitter Saturation Voltage		
		Min. (mA)	Max. (mA)	V _{CE} (V) /ε(Lx)	Max. (μA)	V _{CE} (V)	λ _P Typ.(nm)	Min. (V)	Typ. (V)	Max. (V)	I _c (mA) /ε(Lx)						
□ SML-810TB	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

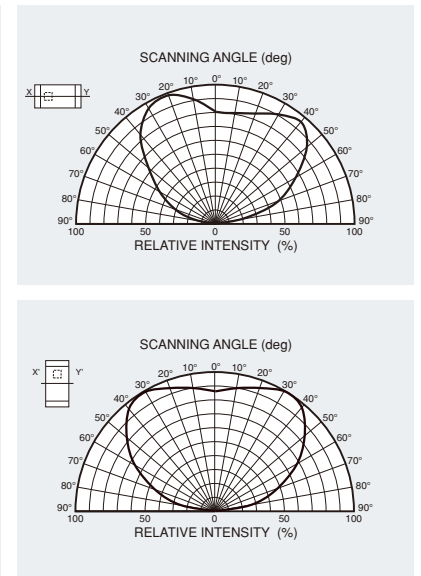
Dimensions



Recommended Solder Pattern

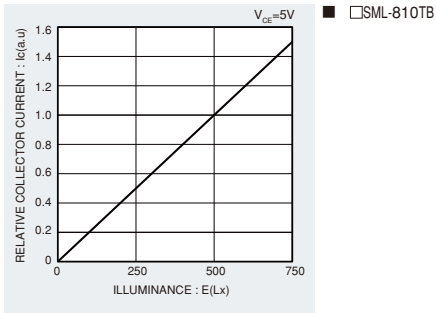


Viewing Angle

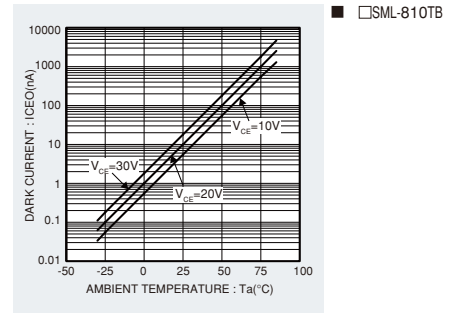


Electrical Characteristics Curves

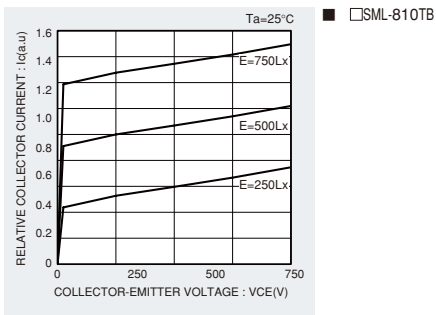
Collector Current - Illuminance



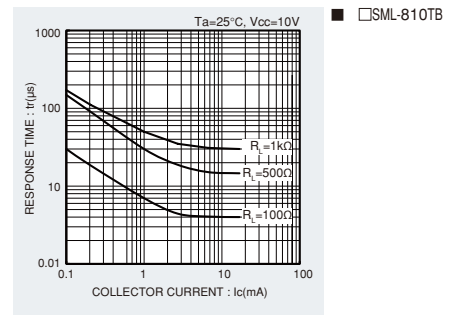
Dark Current - Ambient Temperature



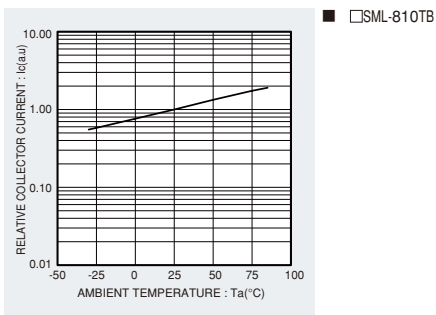
Collector Current - Collector-Emitter Voltage



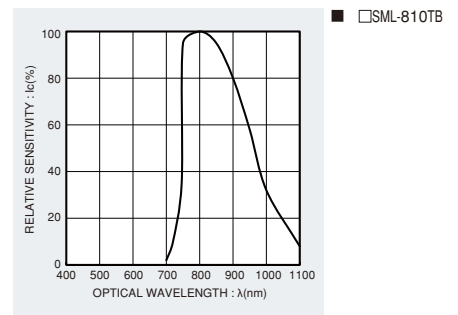
Response Time - Collector Current



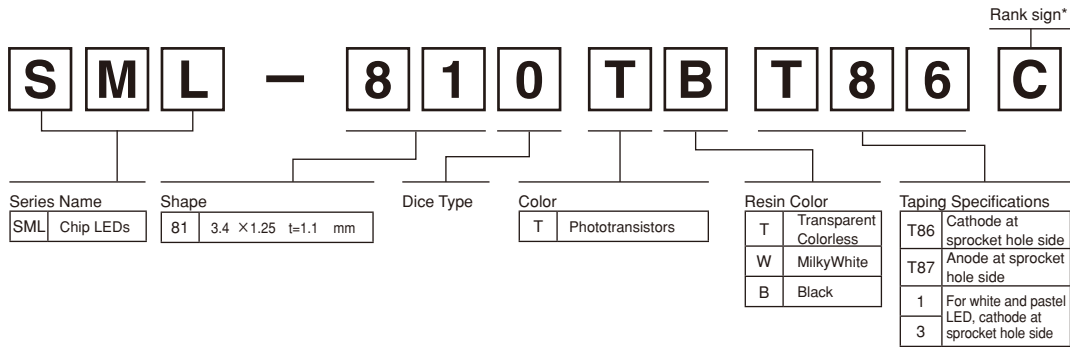
Collector Current - Ambient Temperature



Spectral Sensitivity Characteristic



Part No. Construction



- * Concerning the Brightness rank
- Part name is individual for each rank.
- When shipped as sample, the part name will be a representative part name. General products are free of ranks. Please contact sales if rank appointment is needed.
- * Please refer to the Specification sheet about Taping specification.

Packing Specification

ROHM LED products are being shipped with desiccant (silica gel) concluded in moisture-proof bags.
 Pasting the moisture sensitive label on the outer surface of the moisture-proof bags or enclosing the humidity indication card inside the bag is available upon request.
 Please contact the nearest sales office or distributor if necessary.

Notes

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