



SML-S13RT

Actual size

 3216(1206) size
 3.2×1.6mm (t=1.85mm)

Features

- Surface mount Lans infrared LEDs
- Narrow directivity and high brightness
- Availability of reverse mounting

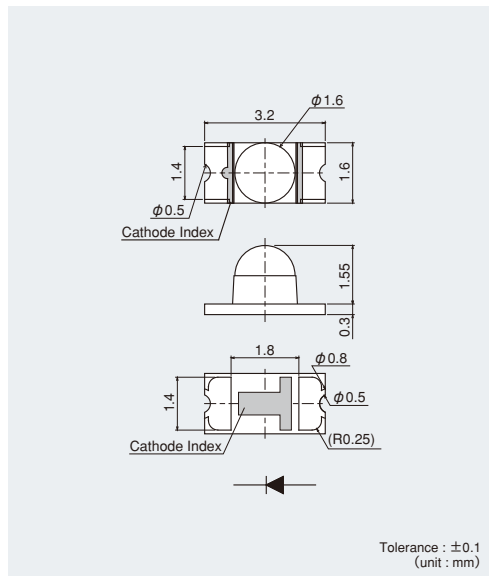
 Color Type R

Specifications

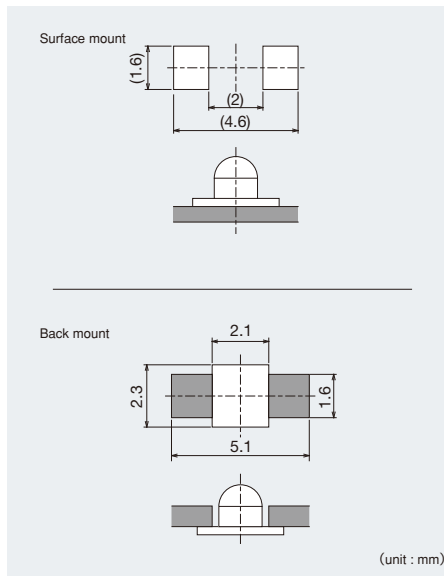
Part No.	LED Chip	Emitting Color	Absolute Maximum Ratings(Ta=25℃)						Electrical and Optical Characteristics(Ta=25℃)								
			Power Dissipation P _D (mW)	Forward Current I _F (mA)	Peak Forward Current I _{FP} (mA)	Reverse Voltage V _R (V)	Operating Temperature T _{opr} (℃)	Storage Temperature T _{stg} (℃)	Forward Voltage V _F		Reverse Current I _R		Light Wavelength λ _P		Radiant Intensity I _e		
									Typ. (V)	I _F (mA)	Max. (mA)	V _R (V)	Typ. (nm)	I _F (mA)	Min. (mW/sr)	Typ. (mW/sr)	I _F (mA)
❑ SML-S13RT	AlGaAs	Infrared LED	60	30	300*1	5	-30 to +85	-30 to +100	1.4	20	10	5	850	20	1.5	2.8	20

※1:Duty1/10, 1kHz

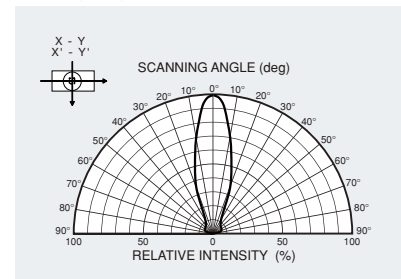
Dimensions



Recommended Solder Pattern

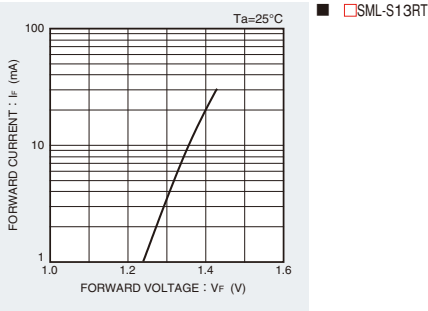


Viewing Angle

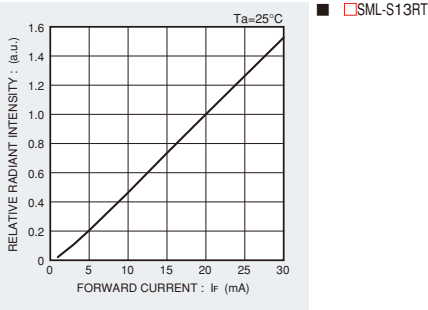


Electrical Characteristics Curves

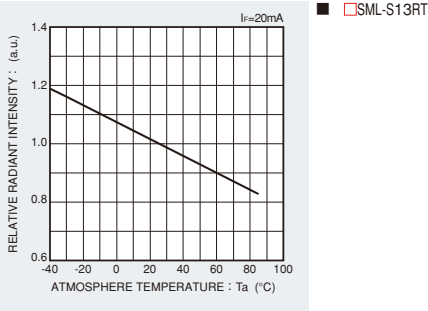
Forward Current-Forward Voltage



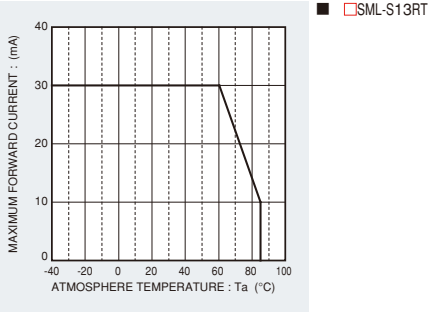
Luminous Intensity-Atmosphere Temperature



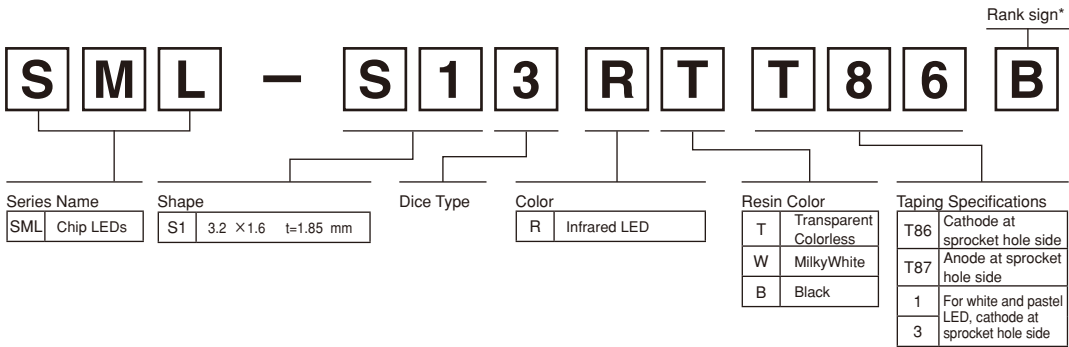
Luminous Intensity-Forward Current



Derating



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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