



# 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

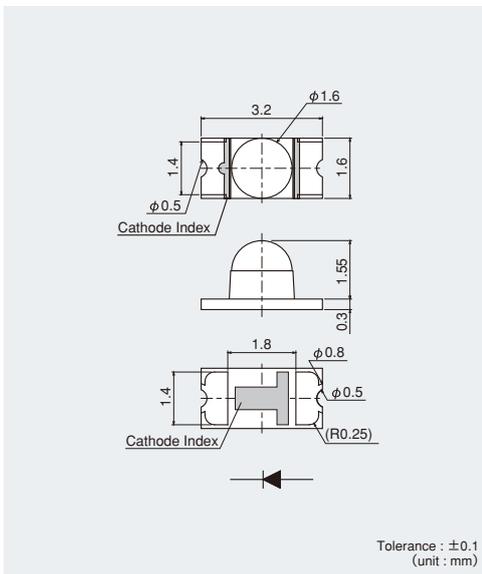
Color Type R

### Specifications

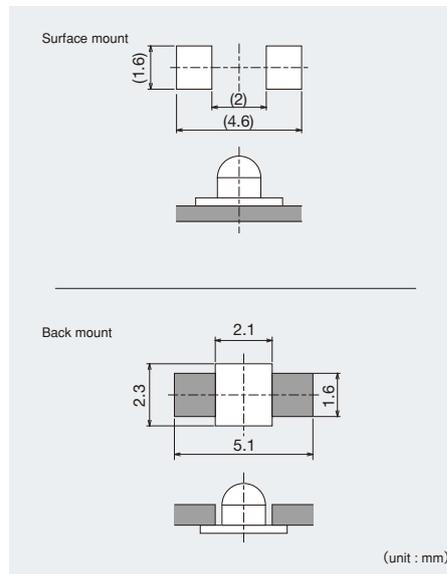
Part No.	LED Chip	Emitting Color	Absolute Maximum Ratings (Ta=25°C)						Electrical and Optical Characteristics (Ta=25°C)								
			Power Dissipation Pd (mW)	Forward Current If (mA)	Peak Forward Current Ifp (mA)	Reverse Voltage VR (V)	Operating Temperature Topr (°C)	Storage Temperature Tstg (°C)	Forward Voltage VF		Reverse Current IR		Light Wavelength λP		Radiant Intensity Ie		
									Typ. (V)	If (mA)	Max. (mA)	VR (V)	Typ. (nm)	If (mA)	Min. (mW/sr)	Typ. (mW/sr)	If (mA)
<span style="border: 1px solid black; padding: 0 2px;">R</span> 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

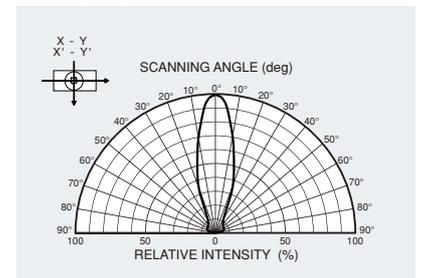
### Dimensions



### Recommended Solder Pattern

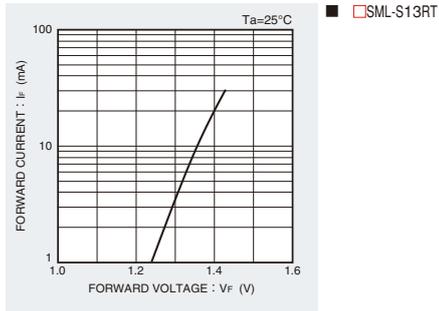


### Viewing Angle

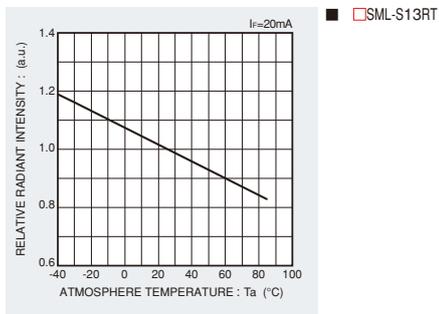


Electrical Characteristics Curves

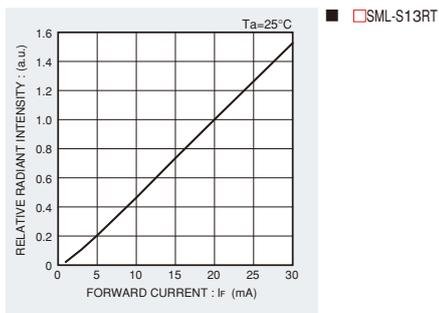
Forward Current-Forward Voltage



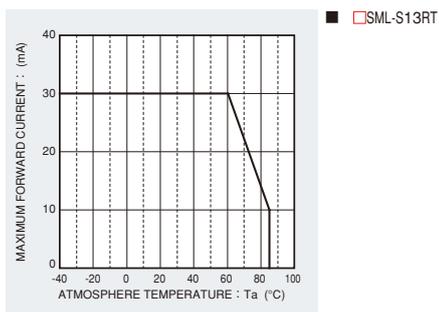
Luminous Intensity-Atmosphere Temperature



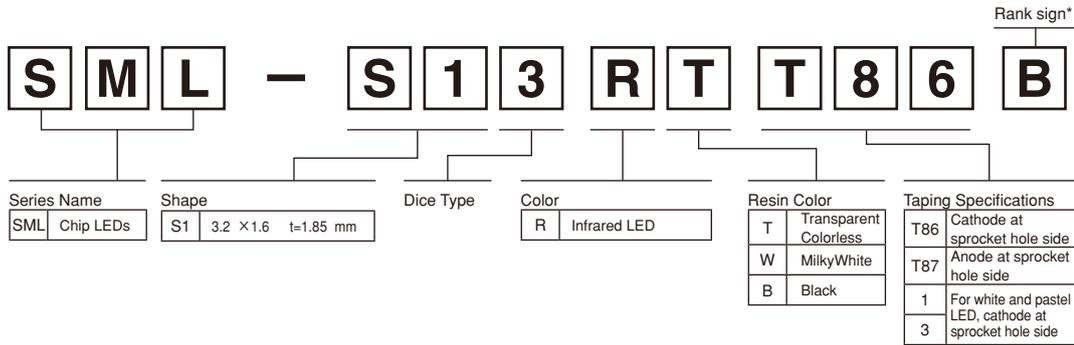
Luminous Intensity-Forward Current



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.

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