

SML032RGB


3530(1412) size
3.5×3.0mm (t=1.3mm)

Features

- 3-color type LED (standard)

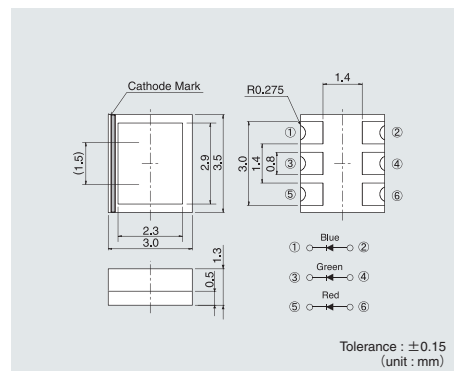
Color Type

Specifications

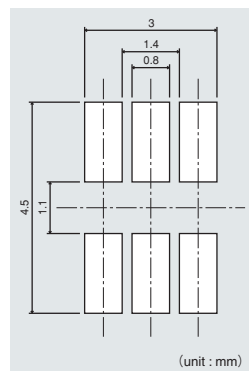
Part No.	Chip Structure	Emitting Color	Absolute Maximum Ratings (Ta=25°C)						Electrical and Optical Characteristics (Ta=25°C)										
			Power Dissipation P _D (mW)	Forward Current I _F (mA)	Peak Forward Current I _{FP} (mA)	Reverse Voltage V _R (V)	Operating Temperature T _{opr} (°C)	Storage Temperature T _{stg} (°C)	Forward Voltage V _F Typ.(V)	Reverse Current I _R (μA)	Max. V _F (V)	Dominant Wavelength λ _D Min.(nm)	Typ.(nm)	Max.(nm)	I _F (mA)	Luminous Intensity I _v Min.(mcd)	Typ.(mcd)	I _F (mA)	
 SML032RGB1T	InGaN on SiC	Blue	78	20	100 ⁺¹	5	-40 to +85	-40 to +100	3.2				465	470	480		50	125	
	Green	3.3							20	100	5	520	530	540	20	200	500	20	
	AlGaInP on GaP	Red	84	30					2.2				620	630	638		140	350	

* 1:Duty1/20, 1ms * 2:Reference

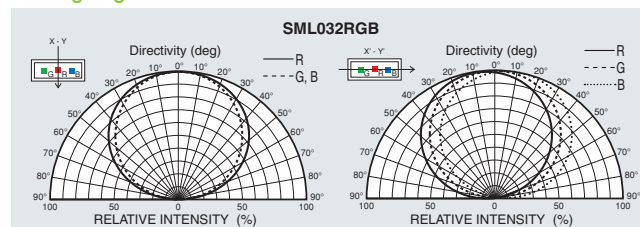
Dimensions



Recommended Solder Pattern Viewing Angle

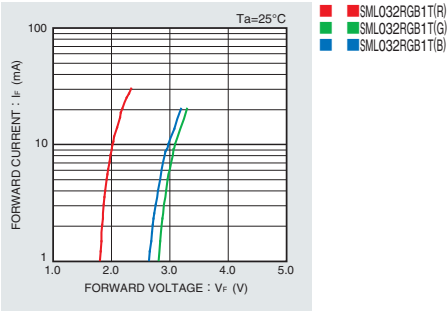


Viewing Angle

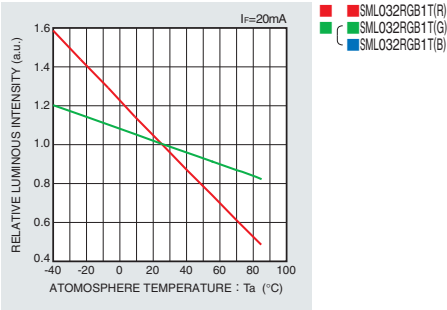


Electrical Characteristics Curves

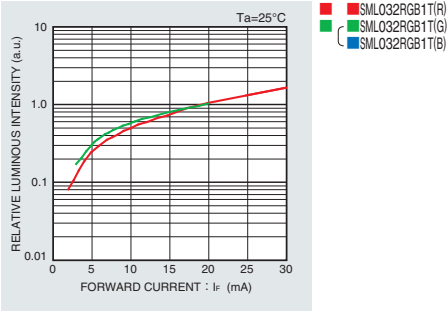
Forward Current-Forward Voltage



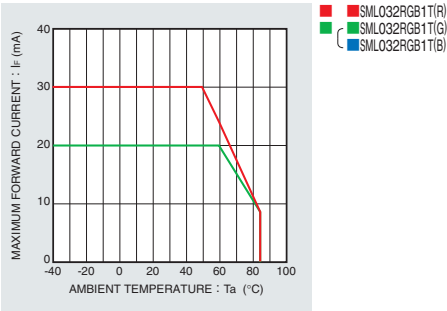
Luminous Intensity-Atmosphere Temperature



Luminous Intensity-Forward Current



Derating



Notes

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