

SML032RGB

3530 (1412) size
3.5 × 3.0 mm (t=1.3 mm)

Features

- 3-color type LED (standard)

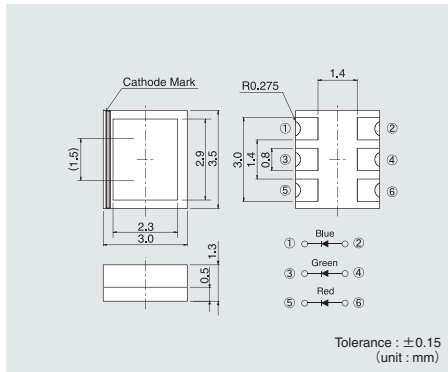


Specifications

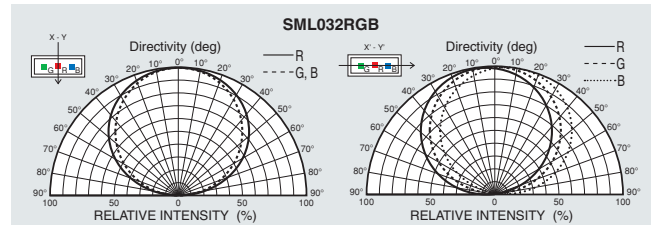
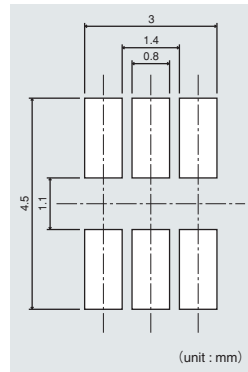
Part No.	Chip Structure	Emitting Color	Absolute Maximum Ratings (Ta=25°C)						Electrical and Optical Characteristics (Ta=25°C)										
			Power Dissipation Pd (mW)	Forward Current If (mA)	Peak Forward Current Ifp (mA)	Reverse Voltage Vr (V)	Operating Temperature Topr (°C)	Storage Temperature Tstg (°C)	Forward Voltage Vf		Reverse Current Ir		Dominant Wavelength λ D			Luminous Intensity Iv			
								Typ. (V)	If (mA)	Max. (μA)	Vr (V)	Min.*2 (nm)	Typ.*2 (nm)	Max.*2 (nm)	If (mA)	Min. (mcd)	Typ. (mcd)	If (mA)	
SML032RGB1T	InGaN on SiC	Blue	78	20	100*1	5	-40 to +85	-40 to +100	3.2	20	100	5	465	470	480	20	50	125	20
		Green							3.3				520	530	540		200	500	
	AlGaInP on GaP	Red	84	30	2.2	620	630	638	140	350									

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

Dimensions

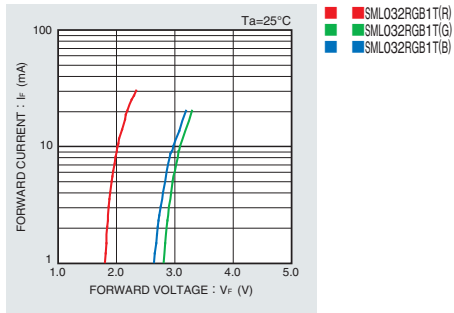


Recommended Solder Pattern Viewing Angle

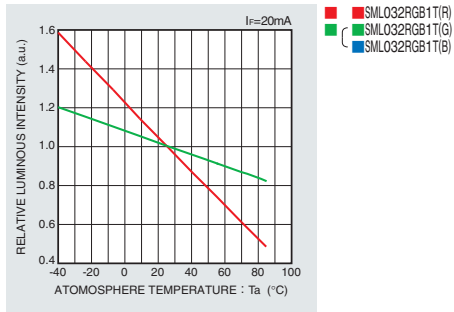


Electrical Characteristics Curves

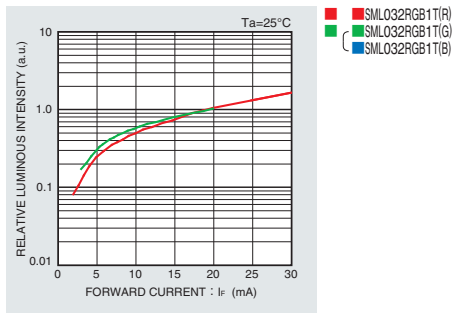
Forward Current-Forward Voltage



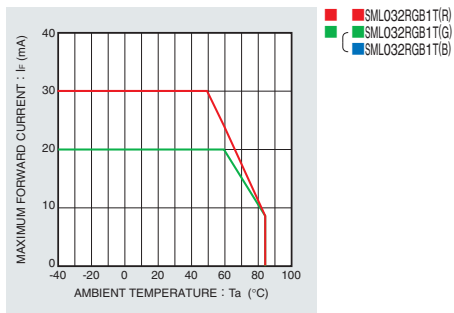
Luminous Intensity-Atmosphere Temperature



Luminous Intensity-Forward Current



Derating



Notes

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