



SML-11 Series

3020 (1208)
3.0 × 2.0mm (t=1.6mm)

Features

- Side-view type
- 3.0 × 2.0mm t=1.6mm

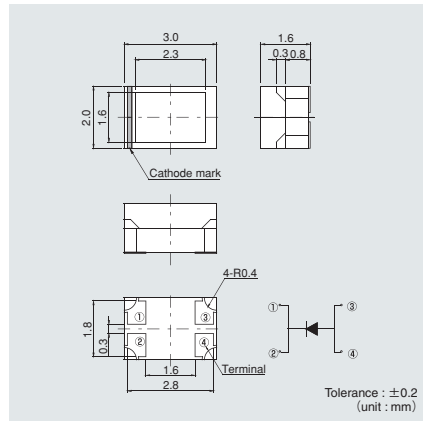
Color Type	L	V	D	Y

Specifications

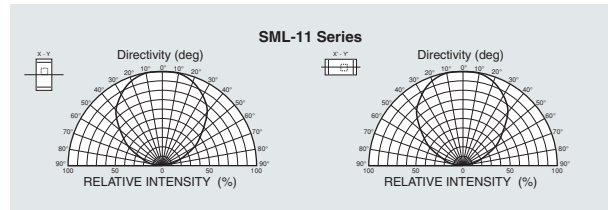
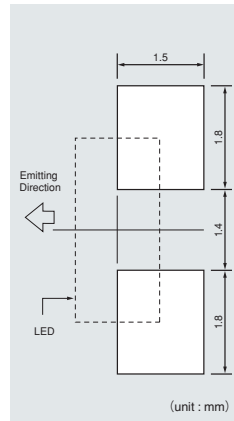
Part No.	Chip Structure	Emitting Color	Absolute Maximum Ratings (Ta=25°C)					Electrical and Optical Characteristics (Ta=25°C)											
			Power Dissipation Pd (mW)	Forward Current If (mA)	Peak Forward Current Ifp (mA)	Reverse Voltage Vr (V)	Operating Temperature Topr (°C)	Storage Temperature Tstg (°C)	Forward Voltage V _F Typ. (V)	Forward Current I _F (mA)	Reverse Current I _R Max. (μA)	Reverse Voltage V _R (V)	Dominant Wavelength λ _D Min. (nm)	Typ. (nm)	Max. (nm)	Forward Current I _F (mA)	Luminous Intensity I _v Min. (mcd)	Typ. (mcd)	I _F (mA)
SML-110VT	GaAsP on GaP	Red	70	25	60*1	4	-30 to +85	-40 to +85	2	20	100	4	625	630	635	20	2.2	6.3	20
SML-110DT		Orange											602	605	608		3.6	10	
SML-110YT	Yellow	587											590	593	2.2		6.3		
SML-110MT	Yellowish Green	569											572	575	5.6		16		
SML-110FT	GaP	Green											562	565	568		3.6	10	
SML-110PT		Green											557	560	563		2.2	6.3	

*1: Duty 1/5, 200Hz / *2: Reference

Dimensions

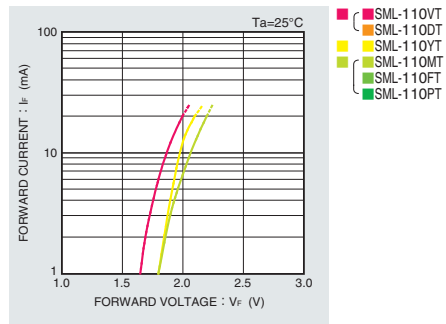


Recommended Solder Pattern Viewing Angle

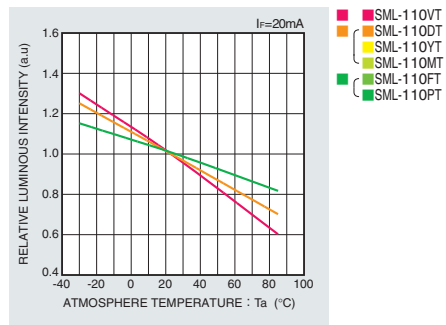


Electrical Characteristics Curves

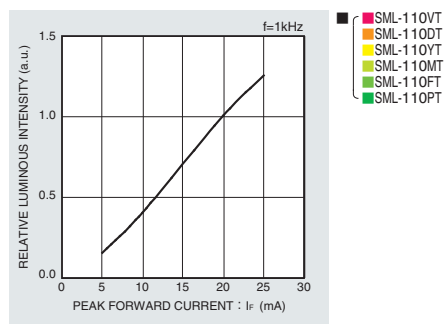
Forward Current-Forward Voltage



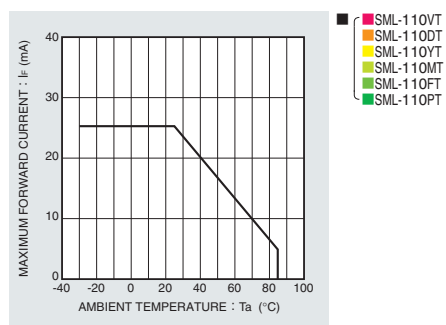
Luminous Intensity-Atmosphere Temperature



Luminous Intensity-Forward Current



Derating



Notes

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