



SML-11 Series

3020 (1208)
3.0×2.0mm (t=1.6mm)

Features

- Side-view type
- 3.0×2.0mm t=1.6mm

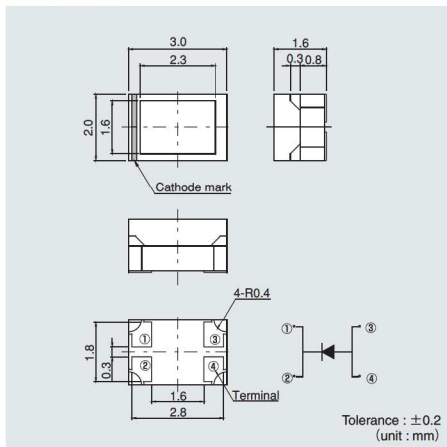
Color Type	L	V	D	Y
	M	F	P	W

Specifications

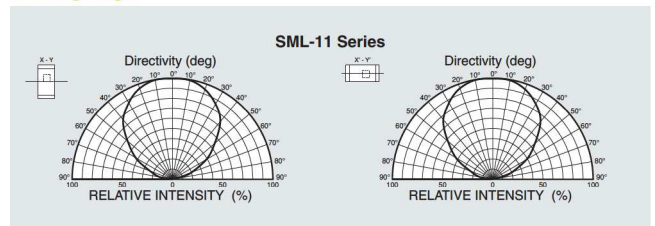
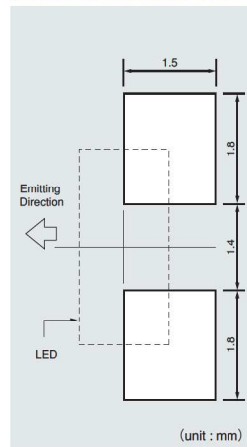
Part No.	Chip Structure	Emitting Color	Absolute Maximum Ratings (Ta=25°C)					Electrical and Optical Characteristics (Ta=25°C)											
			Power Dissipation Pd (mW)	Forward Current If (mA)	Peak Forward Current Ifp (mA)	Reverse Voltage Vr (V)	Operating Temperature Topr (°C)	Storage Temperature Tstg (°C)	Forward Voltage V _F (V)	Reverse Current I _R (μA)	Dominant Wavelength λ _D (nm)			Luminous Intensity I _v (mcd)					
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

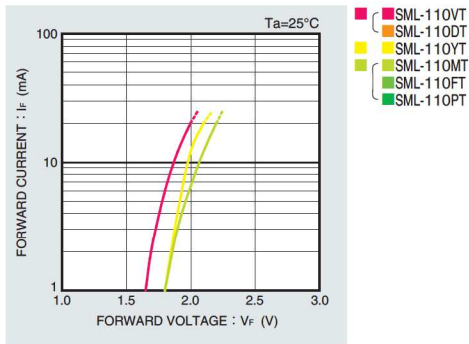


Recommended Solder Pattern Viewing Angle

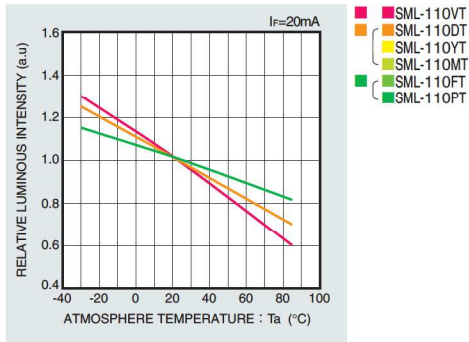


Electrical Characteristics Curves

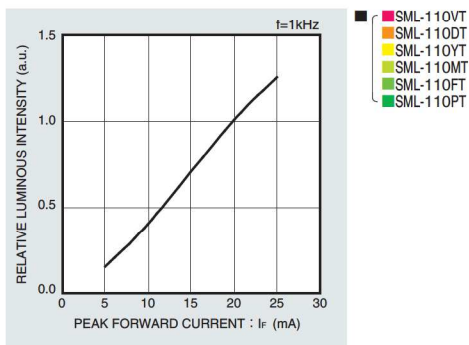
Forward Current-Forward Voltage



Luminous Intensity-Atmosphere Temperature



Luminous Intensity-Forward Current



Derating

