



SML-11 Series

3020(1208)
 3.0×2.0mm(t=1.6mm)

Features

- Side-view type
- 3.0×2.0mm t=1.6mm

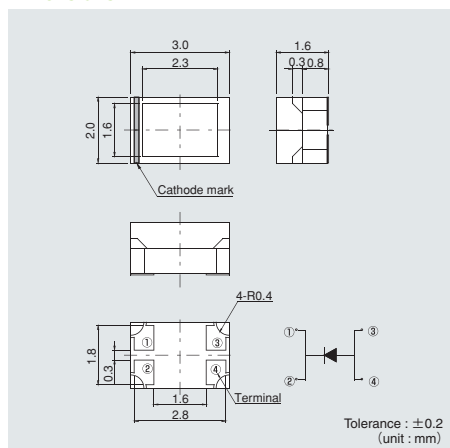
Color	L	V	D	Y
Type	M	F	P	W

Specifications

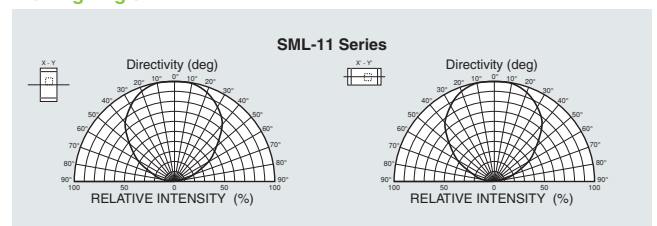
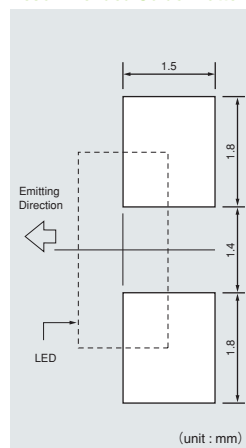
Part No.	Chip Structure	Emitting Color	Absolute Maximum Ratings (Ta=25°C)						Electrical and Optical Characteristics (Ta=25°C)									
			Power Dissipation Pd(mW)	Forward Current IF(mA)	Peak Forward Current I _{PF} (mA)	Reverse Voltage VR(V)	Operating Temperature Topr(°C)	Storage Temperature Tstg(°C)	Forward Voltage VF Typ.(V)	IF(mA)	Reverse Current IR Max.(μA)	VR(V)	Dominant Wavelength λD Min.*2(nm)	Typ.(nm)	Max.*2(nm)	Luminous Intensity Iv Min.(mcd)	Typ.(mcd)	Iv(mA)
■ SML-110VT	GaAsP on GaP	Red							2				625	630	635	2.2	6.3	
■ SML-110DT		Orange											602	605	608	3.6	10	
■ SML-110YT		Yellow							2.1				587	590	593	2.2	6.3	
■ SML-110MT	GaP	Yellowish Green	70	25	60*1	4	-30 to +85	-40 to +85		20	100	4	569	572	575	5.6	16	20
■ SML-110FT		Green							2.2				562	565	568	3.6	10	
■ SML-110PT		Green											557	560	563	2.2	6.3	

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

Dimensions

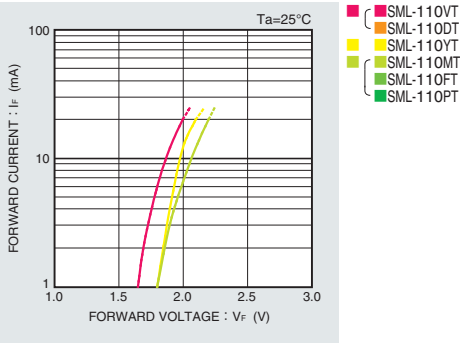


Recommended Solder Pattern Viewing Angle

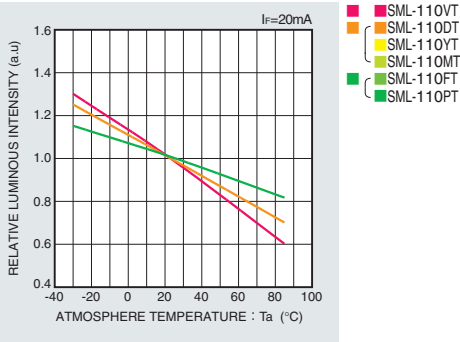


Electrical Characteristics Curves

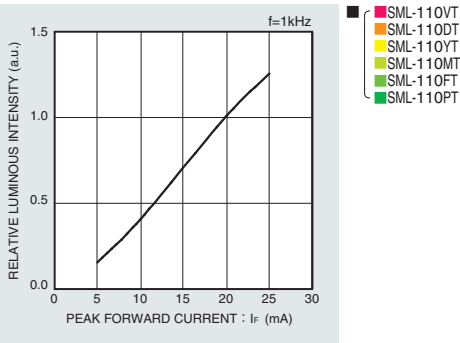
Forward Current-Forward Voltage



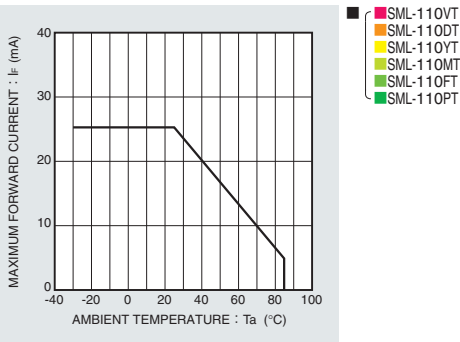
Luminous Intensity-Atmosphere Temperature



Luminous Intensity-Forward Current



Derating



Notes

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