



SML-11 Series

3020(1208)
3.0×2.0mm(t=1.6mm)

Features

- Side-view type
- 3.0×2.0mm t=1.6mm

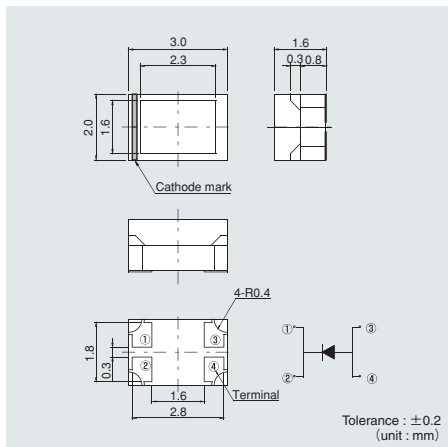


Specifications

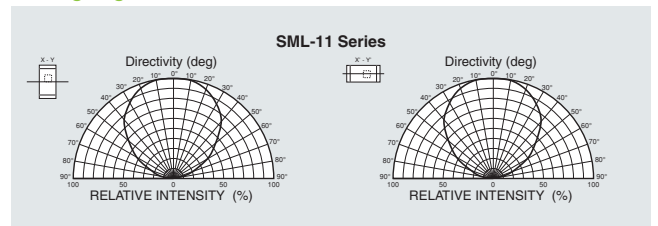
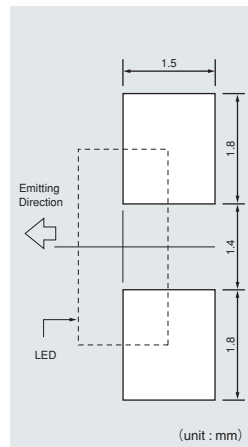
Part No.	Chip Structure	Emitting Color	Absolute Maximum Ratings (Ta=25°C)					Electrical and Optical Characteristics (Ta=25°C)											
			Power Dissipation Pd(mW)	Forward Current IF(mA)	Peak Forward Current I _{FP} (mA)	Reverse Voltage VR(V)	Operating Temperature Topr(°C)	Storage Temperature Tstg(°C)	Forward Voltage VF Typ.(V)	IF(mA)	Reverse Current IR Max.(μA)	VR(V)	Dominant Wavelength λ D Min.*2 Typ. Max.*2			Luminous Intensity Iv Min. Typ. IF(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:Duty1/5, 200Hz / * 2:Reference

Dimensions

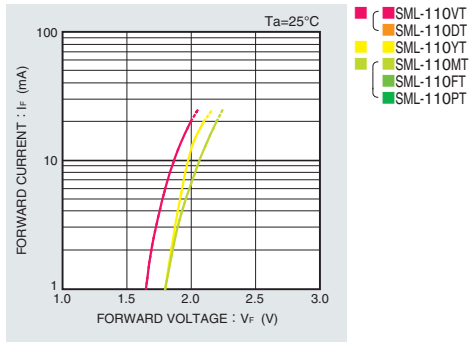


Recommended Solder Pattern Viewing Angle

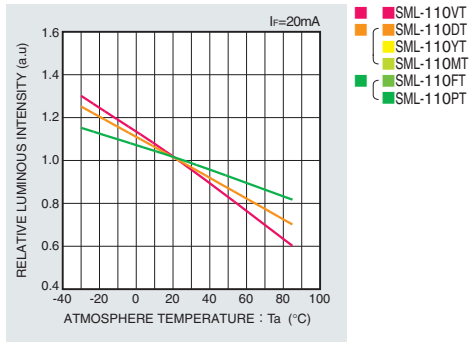


Electrical Characteristics Curves

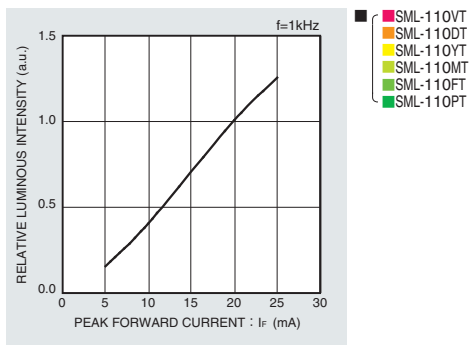
Forward Current-Forward Voltage



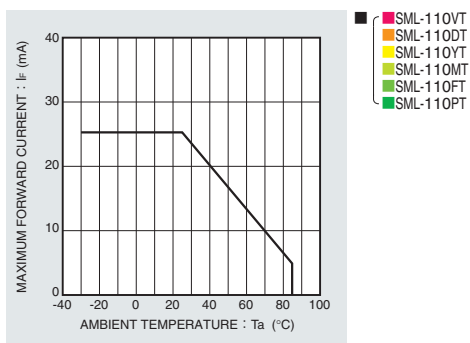
Luminous Intensity-Atmosphere Temperature



Luminous Intensity-Forward Current



Derating



Notes

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