



# SML-11 Series

3020(1208)  
3.0×2.0mm(t=1.6mm)

### Features

- Side-view type
- 3.0×2.0mm t=1.6mm

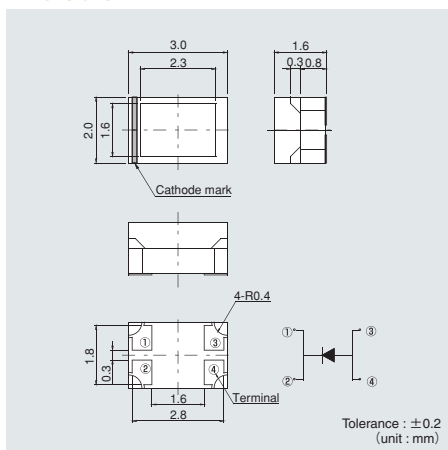


### Specifications

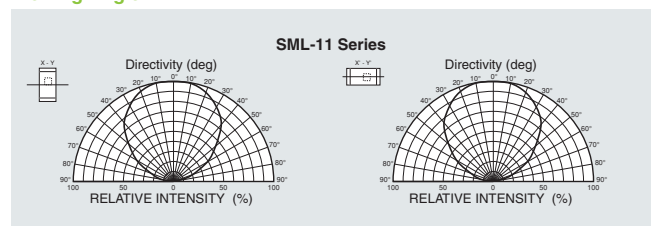
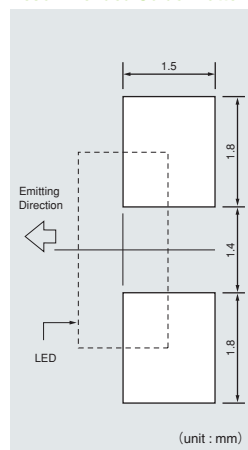
Part No.	Chip Structure	Emitting Color	Absolute Maximum Ratings (Ta=25°C)					Electrical and Optical Characteristics (Ta=25°C)											
			Power Dissipation Pd(mW)	Forward Current IF(mA)	Peak Forward Current I <sub>PF</sub> (mA)	Reverse Voltage VR(V)	Operating Temperature Topr(°C)	Storage Temperature 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)			
<b>SML-110VT</b>	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
<b>SML-110DT</b>		Orange											602	605	608		3.6	10	
<b>SML-110YT</b>	Yellow	587							590	593	2.2	6.3							
<b>SML-110MT</b>	Yellowish Green	569							572	575	5.6	16							
<b>SML-110FT</b>	GaP	Green							562	565	568	3.6	10						
<b>SML-110PT</b>	Green	557							560	563	2.2	6.3							

\* 1:Duty1/5, 200Hz / \* 2:Reference

### Dimensions

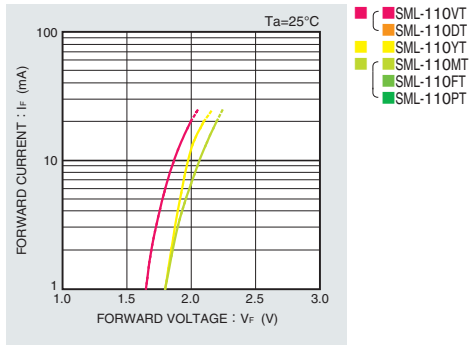


### Recommended Solder Pattern Viewing Angle

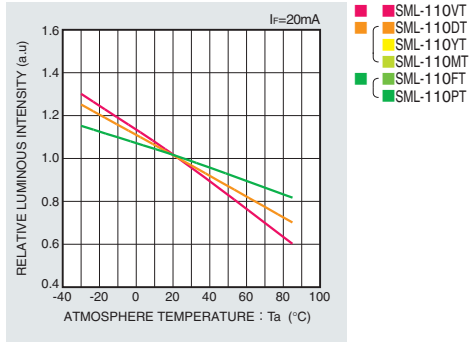


Electrical Characteristics Curves

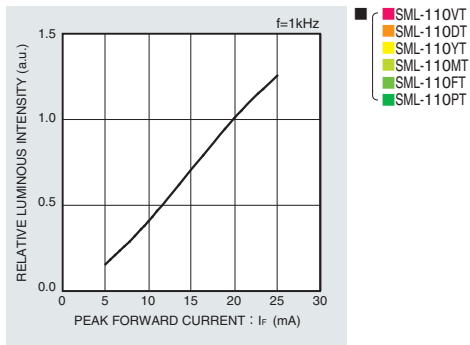
Forward Current-Forward Voltage



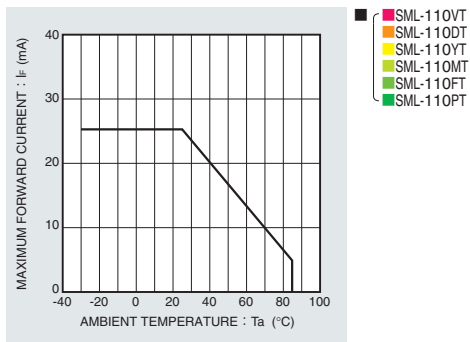
Luminous Intensity-Atmosphere Temperature



Luminous Intensity-Forward Current



Derating



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