



SML-11 Series

3020(1208) 3.0×2.0 mm(t=1.6mm)

Features

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









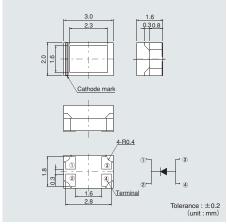


Specifications

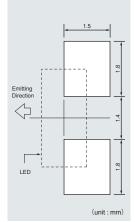
	Chip Structure	Emitting Color	Absolute Maximum Ratings (Ta=25°C)						Electrical and Optical Characteristics (Ta=25°C)										
Part No.			Power Dissipation	Forward Current IF(mA)	Peak Forward Current IFP(mA)	Reverse Voltage VR(V)	Operating Temperature Topr(°C)	Storage Temperature Tstg(°C)	Forward Voltage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

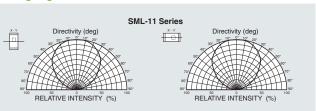
*1:Duty1/5, 200Hz / *2:Reference

Dimensions



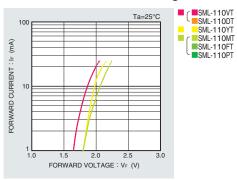
Recommended Solder Pattern Viewing Angle



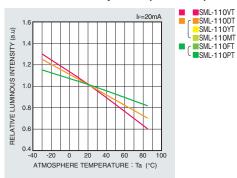


Electrical Characteristics Curves

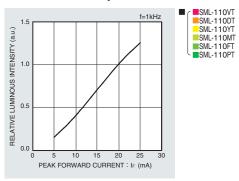
Forward Current-Forward Voltage



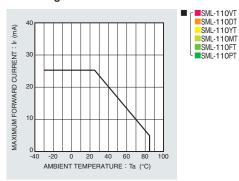
Luminous Intensity-Atmosphere Temperature



Luminous Intensity-Forward Current



Derating



Notes

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