

Ultra Hight Bright Surface Mounting Chip LED

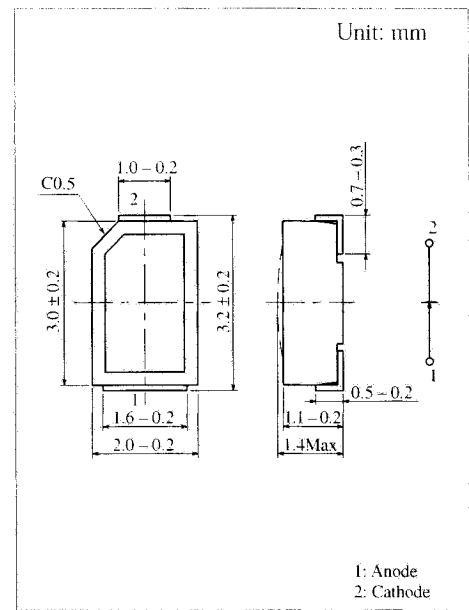
J-GaAlAs Type

Global Part No. Conventional Part No. Lighting Color
 LN1251CALTR LN1251CAL - (TR) ... Ultra Bright Red

■ Absolute Maximum Ratings ($T_a = 25^\circ\text{C}$)

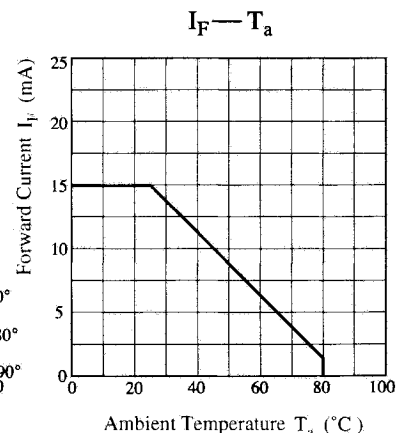
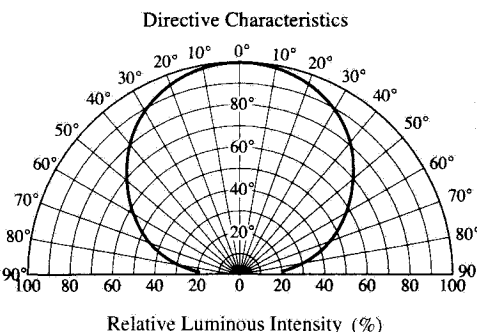
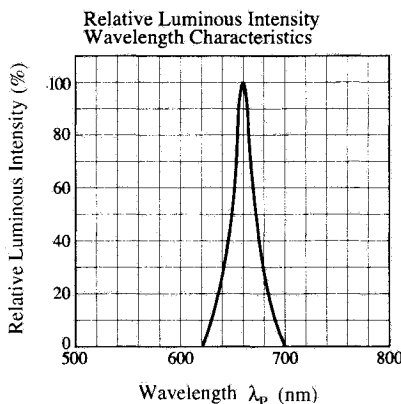
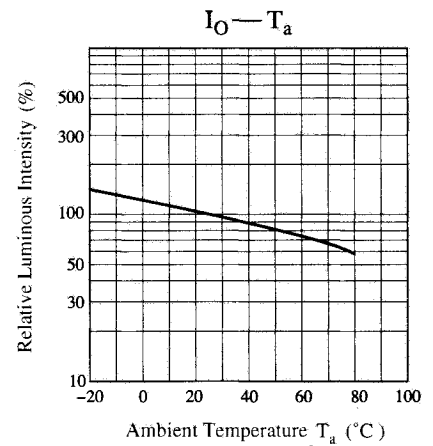
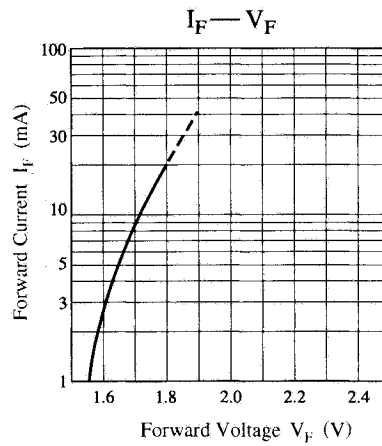
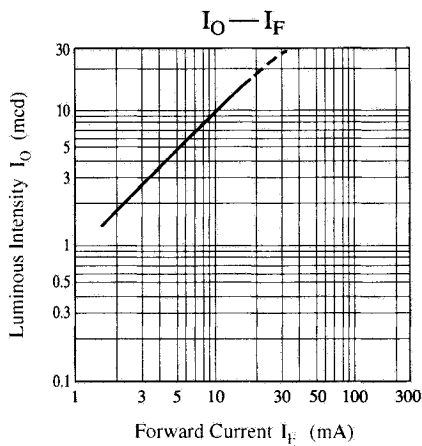
Lighting Color	P_D (mW)	I_F (mA)	I_{FP} (mA)*	V_R (V)	T_{opr} ($^\circ\text{C}$)	T_{stg} ($^\circ\text{C}$)
Ultra Bright Red	45	15	60	3	-25 ~ +80	-30 ~ +85

* Pulse width 1 msec. The condition of I_{FP} is duty 10%. Pulse width 1 msec



■ Electro-Optical Characteristics ($T_a = 25^\circ\text{C}$)

Global Part No.	Lighting Color	Lens Color	I_O		I_F	V_F		λ_p	$\Delta\lambda$	I_F	I_R		V_R
			Typ	Min		Typ	Max				Max	V_R	
LN1251CALTR	Ultra Bright Red	Clear	9.0	3.3	10	1.75	2.6	660	20	15	100	3	
Unit	—	—	mcd	mcd	mA	V	V	nm	nm	mA	μA	V	



Caution for Safety

 **DANGER**

■ This product contains Gallium Arsenide (GaAs).

GaAs powder and vapor are hazardous to human health if inhaled or ingested. Do not burn, destroy, cut, cleave off, or chemically dissolve the product. Follow related laws and ordinances for disposal. The product should be excluded from general industrial waste or household garbage.

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