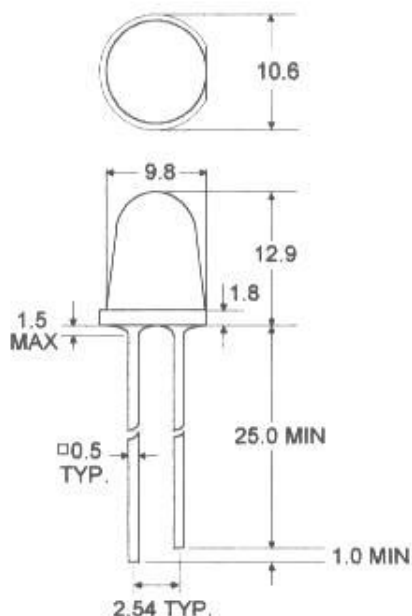
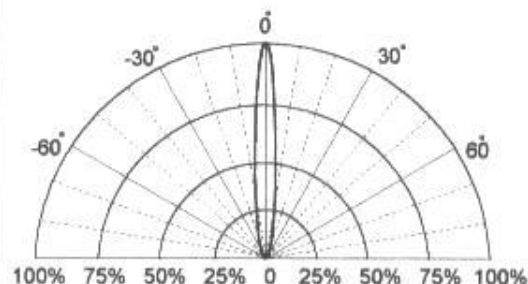


Package Dimension

Radiation


Note: All dimension are in millimeter tolerance is $\pm 0.25\text{mm}$ unless otherwise noted.

Part Selection And Application Information (Ratings At 25°C Ambient)

PART NO	MATERIAL	COLOR		peak wave length λ_{Pnm}	spectral halfwidth $\Delta\lambda \text{ nm}$	forward voltage @20mA(v)		luminous intensity @20mA(mcd)		viewing angle 2 θ 1/2 (deg)
		Emitted	Len's			Min	Max	Min	Typ.	
LSR13633	GaAlAs	Red	Water Clear	660	20	1.5	2.4	500	800	12
LHR13633	GaAlAs	Red	Water Clear	660	20	1.5	2.4	1000	1600	12
LUR13633	GaAlAs	Red	Water Clear	660	20	1.5	2.4	1500	3000	12
LVG13633	GaP	Green	Water Clear	565	30	1.7	2.8	400	700	12
LVY13633	GaAsP/GaP	Yellow	Water Clear	585	35	1.7	2.8	160	300	12
LUY13633	AlGaInP	Yellow	Water Clear	595	15	1.7	2.8	1500	3000	12

Absolute Maximum Rating (Ta=25°C)

PARAMETER	RED			GREEN		YELLOW			ORANGE		UNIT	REMARK
	SR	HR	UR	VG		VY		UY				
Forward Current	40	40	40	30		20		50			mA	
Peak Current Duty 1/10 @1Khz	200	200	200	120		80		200			mA	
Power Dissipation	80			100		60		100			mW	
Reverse Current @5V	10			10		10					μA	
Operating Temperature	-40°C TO +85°C											
Storage Temperature	-40°C TO +100°C											

Lead Soldering Temperature 260°C For 5 Seconds (2.0mm From Body)