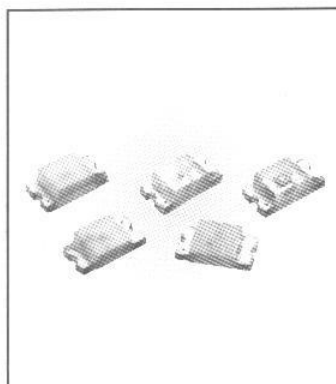




Electro-Optical Characteristics

(I_F @ 20mA, T_J 25°C)

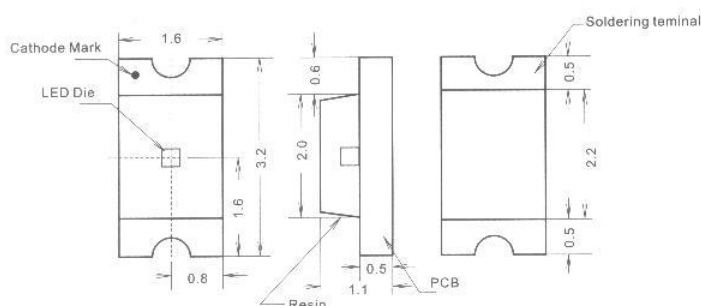


Code for Parts	Lighting Color	Material	V _F (V)		λ (nm)			I _V * (mcd)
			Typ	Max	λ _D	λ _P	Δλ	Typ
LG-150PG	Pure Green	GaP	2.2	2.6	563	557	24	3.5
LG-150UG	Super Green	GaP	2.2	2.6	567	565	24	9.5
LG-150G	Green	GaP	2.2	2.6	567	565	* 26	6.5
LG-150YG	Yellow Green	GaP	2.2	2.6	572	570	30	9.5
LG-150Y	Yellow	GaAsP	2.1	2.6	590	589	40	6.5
LG-150D	Amber	GaAsP	2.1	2.6	606	610	40	6.0
LG-150SD	Super Bright Orange	GaAsP	2.1	2.6	632	642	40	10
LG-150UR	Super Bright Red	AlGaAs	1.9	2.6	643	660	20	17
LG-150HR	High Bright Red	AlGaAs	1.9	2.6	643	660	20	25
LG-150R	Red	GaP	2.2	2.6	643	700	100	2.5

* NIST standards

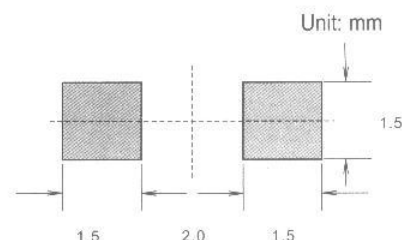
Package Outline Drawing

Unit: mm Tolerance: +/-0.1



1. Soldering terminal may shift in x, y direction.
2. Polarity referring onto the cathode mark is reversed on the UR / HR.

- Recommended Soldering Pattern for Reflow Soldering :



Absolute Maximum Ratings

$T_J = 25^\circ\text{C}$

Series	P _d (mW)	I _F (mA)	I _{FP} (mA)	V _R (V)	T _{OP} (°C)	T _{ST} (°C)
LG-150 Series	65	25	100**	5	-30~+80	-40~+85
LG-150 UR/HR	78	30				

** Condition for I_{FP} is pulse of 1/10 duty and 0.1msec width