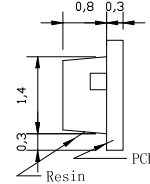
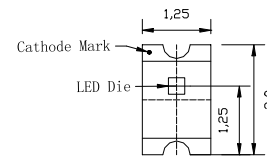


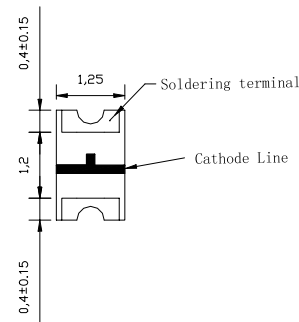
## GNL-0805xx (0805 SMD TYPE) Ultra Brightness

ABSOLUTE MAXIMUM RATING:(Ta=25°C)

Parameter			Unit
DC Forward Current	30		mA
Reverse Voltage	5		V
Reverse Current (Vr=5V)	10		μA
Peak Forward Current ,tw ,=1 msec Duty ,=1/20	150		mA
Operation Temperature	-40	+80	°C
Storage Temperature	-40	+100	°C
Solder Dip Temperature (5 seconds,1.6mm from body )	300	±5	°C



Unit: mm Tolerance: ±0.1



### Features:

- Compatible with automatic placement equipment
- Compatible with reflow solder process

### Applications:

- Automotive and Telecommunication
- General use for indicators

Part Number	EMITTED COLOR		Lens Color	Peak Wavelength (nm)	Vf (v) Typ.	IV (If=20mA) mcd		View Angle 2θ 1/2
						Min.	Typ.	
GNL-0805GC	GaP	Green	Water Clear	567	2.0	13	20	120°
GNL-0805EC	GaP	Orange Red	Water Clear	635	2.0	10	18	120°
GNL-0805YC	GaAsP	Yellow	Water Clear	588	2.0	10	18	120°
GNL-0805SRC	GaAlAs	Red	Water Clear	660	2.0	25	35	120°
GNL-0805UEC	AlGalnp	Super Red	Water Clear	620	2.1	100	200	120°
GNL-0805UYC	AlGalnP	Super Yellow	Water Clear	590	2.1	150	250	120°
GNL-0805UBC	InGaN	Super Blue	Water Clear	470	3.2	150	250	120°
GNL-0805PGC	InGaN	Super Pure Green	Water Clear	520	3.4	600	700	120°
GNL-0805WC	InGaN	Super White	Water Clear		3.2	700	800	120°