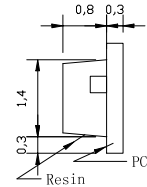
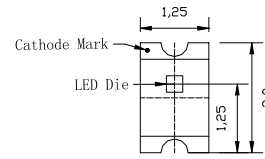


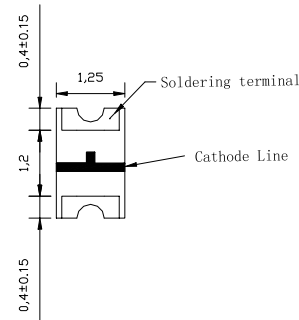
GNL-0805xx (0805 SMD TYPE) Ultra Brightness

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 2 θ 1/2
						Min.	Typ.	
GNL-0805GC	GaP	Green	Water Clear	567	2.0	7	12	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	9	15	120°
GNL-0805LRC	GaAlAs	Super Red	Water Clear	660	1.9	30	40	120°
GNL-0805-URC	GaAlAs	Super Red	Water Clear	660	1.9	30	40	120°
GNL-0805UYC	AlGaInP	Super Yellow	Water Clear	587	2.1	30	40	120°
GNL-0805UBC	InGaN	Super Blue	Water Clear	470	3.2	40	50	120°
GNL-0805PGC	InGaN	Super Pure Green	Water Clear	525	3.4	70	120	120°
GNL-0805WC	InGaN	Super White	Water Clear		3.2	60	100	120°
GNL-0805UYC-TL	AlGaInP	Super Yellow	Water Clear	587	2.1	15	190	120°
GNL-0805UEC-TL	GaP	Orange Red	Water Clear	635	2.0	150	190	120°
GNL-0805UBC-TL	InGaN	Super Blue	Water Clear	470	3.2	150	200	120°
GNL-0805PGC-TL	InGaN	Super Pure Green	Water Clear	525	3.4	400	500	120°
GNL-0805UWC-TL	InGaN	Super White	Water Clear		3.2	700	900	120°