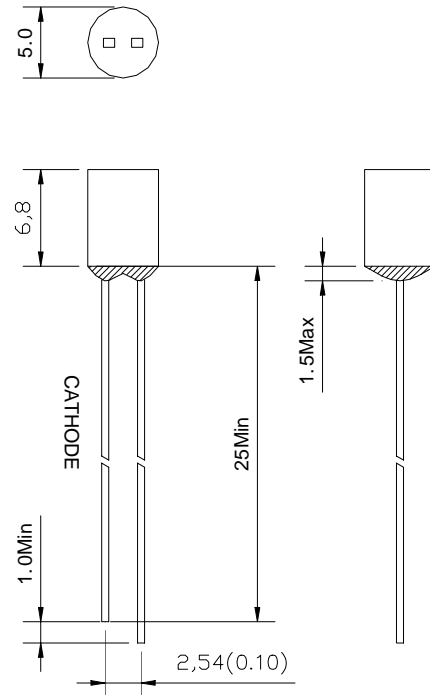


## GNL-5033xx ( 5mm Flat Top TYPE) Ultra Brightness

ABSOLUTE MAXIMUM RATING:(Ta=25 )

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	
Storage Temperature	-40	+100	
Solder Dip (5 seconds,1.6mm from body ) Temperature	300	± 5	



### Feature:

- 1.Small flange without stand-off
- 2.Long life-solid state reliability
- 3.Long lead length(25.4mm)
- 4.Versatile mounting on P.C. board or panel

### Description:

- 1.The shape of this series is round
- 2.General application is for indication,illumination,etc.
- 3.These LED lamps are available with a choice of defferent colors,light intensities,epoxy colors,etc.

Part Number	EMITTED COLOR		Lens Color	Peak Wavelength (nm)	Vf (v) Typ.	IV (If=20mA) mcd		View Angle 2 1/2
						Min.	Typ.	
GNL-5033URC	GaAlAs	Super Red	Water Clear	660	1.9	110	120	90 °
GNL-5033UEC	AlGaInP	Super Orange	Water Clear	625	2.0	120	130	90 °
GNL-5033UGC	AlGaInP	Yellow Green	Water Clear	572	2.0	50	70	90 °
GNL-5033UYC	AlGaInP	Super Yellow	Water Clear	588	2.0	120	130	90 °
GNL-5033UBC	InGaN	Ultra Super Blue	Water Clear	470	3.5	200	250	90 °
GNL-5033PGC	InGaN	Super Pure Green	Water Clear	525	3.5	550	600	90 °
GNL-5033UEC-TL	AlGaInP	Super Orange	Water Clear	625	2.0	300	320	90 °
GNL-5033UYC-TL	AlGaInP	Super Yellow	Water Clear	588	2.0	300	320	90 °
GNL-5033UWC	InGaN	Super white	Water clear	5500K-7000K	3.5	300	500	90 °