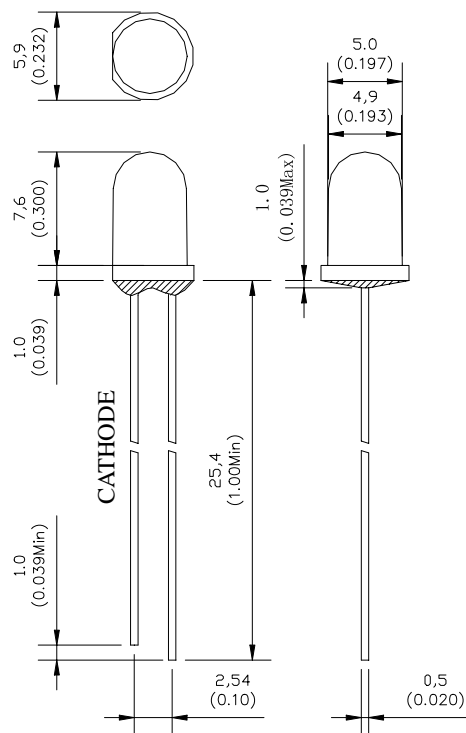


## GNL-5013WC (Φ 5mm ROUND TYPE) Ultra Brightness LED

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 (5 seconds, 1.6mm from body ) Temperature	300	±5	°C



### 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	Color Temperature	Vf (v) Typ.	IV (If=20mA) mcd		View Angle 2 θ 1/2
						Min.	Typ.	
GNL-5013WC	InGaN	Super White	Water Clear	5500K-7500K	3.5	7000	8000	18°
GNL-5013UWC-TL	InGaN	Super White	Water Clear	5500K-7500K	3.5	7000	9000	18°
GNL-5013UWC/20-10C	InGaN	Super White	Water Clear	5500K-7500K	3.5	12000	14000	18°
GNL-5013UWC/20-15C	InGaN	Super White	Water Clear	5500K-7500K	3.5	15000	17000	18°
GNL-5013UWC/50	InGaN	Super White	Water Clear	5500K-7500K	3.5	5000	6000	30°
GNL-5013UWC/60	InGaN	Super White	Water Clear	5500K-7500K	3.5	4500	5500	40°
GNL-5013UWC/20-15c-Y	InGaN	Super White	Water Clear	2700K-3500K	3.5	12000	15000	18°
GNL-5013UWC/60-15c	InGaN	Super White	Water Clear	5500K-7500K	3.5	8000	10000	35°
GNL-5013UWC/60-15c-Y	InGaN	Super White	Water Clear	2700K-3500K	3.5	6000	7000	35°
GNL-5013WW	InGaN	White	Water Diffused	5500K-7500K	3.5	2000	3000	35°