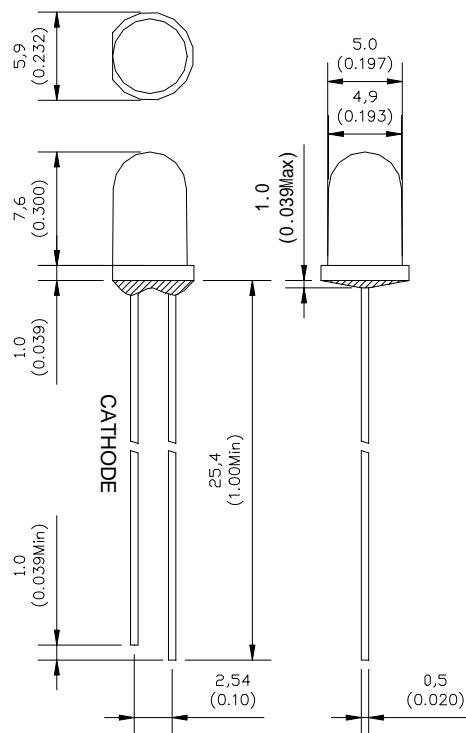


GNL-5013WC (5mm WHITE TYPE) Ultra Brightness LED

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	Color Temperature	Vf (v) Typ.	IV (If=20mA) mcd		View Angle 2 1/2
						Min.	Typ.	
GNL-5013WC	InGaN	Super White	Water Clear	5500K-7000K	3.5	5000	5500	18 °
GNL-5013UWC/20-10C	InGaN	Super White	Water Clear	5500K-7000K	3.5	8500	11000	18 °
GNL-5013UWC/20-15C	InGaN	Super White	Water Clear	5500K-7000K	3.5	12000	15000	18 °
GNL-5013UWC/50	InGaN	Super White	Water Clear	5500K-7000K	3.5	5000	6000	30 °
GNL-5013UWC/60	InGaN	Super White	Water Clear	5500K-7000K	3.5	4500	5500	35 °
GNL-5013UWC/20-Y	InGaN	Super White	Water Clear	2700K-3500K	3.5	7000	8000	18 °
GNL-5013UWC/60-Y	InGaN	Super White	Water Clear	2700K-3500K	3.5	3000	4000	35 °