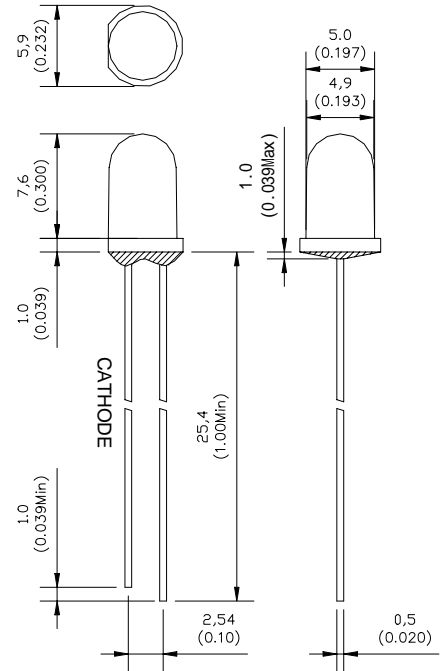


GNL-5013xx (5mm ROUND TYPE) Ultra Brightness

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-5013UEC-A	AlGaInP	Super Orange Red	Water Clear	625	2.0	2500	3000	18 °
GNL-5013UEC-TL	AlGaInP	Super Orange Red	Water Clear	625	2.0	3800	4500	18 °
GNL-5013UYC-A	AlGaInP	Super Yellow	Water Clear	592	2.0	2800	3500	18 °
GNL-5013UYC-TL	AlGaInP	Super Yellow	Water Clear	592	2.0	3800	4500	18 °
GNL-5013UYOC-TL	AlGaInP	Super Amber	Water Clear	610	2.0	3800	4500	18 °
GNL-5013UBC-TL	InGaIn	Super Blue	Water Clear	470	3.5	4000	5000	18 °
GNL-5013BGC-TL	InGaIn	Super Bluish Green	Water Clear	505	3.5	6000	7500	18 °
GNL-5013PGC-TL	InGaIn	Super Pure Green	Water Clear	525	3.5	8000	10000	18 °
GNL-5013UEC-50	AlGaInP	Super Orange Red	Water Clear	625	2.0	2000	3000	30 °
GNL-5013UYC-50	AlGaInP	Super Yellow	Water Clear	590	2.0	2000	3000	30 °
GNL-5013PGC-50	InGaIn	Super Pure Green	Water Clear	505	3.5	4000	5000	30 °
GNL-5013UBC-50	InGaIn	Super Blue	Water Clear	470	3.5	2500	3000	30 °
GNL-5013UVC	InGaIn	Super Violet	Water Clear	400	3.5	150	300	18 °
GNL-5013PVC	InGaIn	Super Violet	Water Clear	5500K-7500K	3.5	1000	1500	18 °