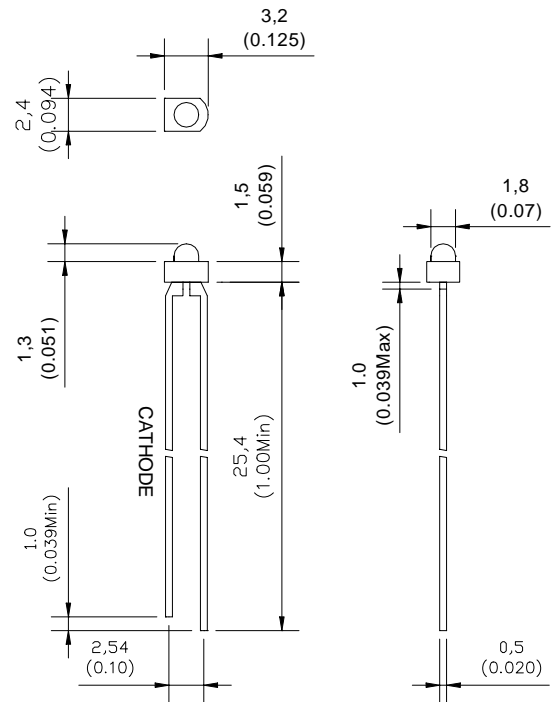


GNL-2014xxD (1.8mm ROUND TYPE) Standard Brightness

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-2014ED	GaAsp/Gap	Orange	Red Diffused	625	2.1	20	25	60 °
GNL-2014GD	Gap	Green	Green Diffused	565	2.1	15	20	60 °
GNL-2014YD	GaAsp/Gap	Yellow	Yellow Diffused	585	2.1	20	30	60 °
GNL-2014BD	GaAsp/Gap	Blue	Blue Diffused	470	3.2	15	20	60 °
GNL-2014WW	InGaN	White	White Diffused	5500k-7000k	3.2	100	120	60 °
GNL-2014UED	GaAsp/Gap	Ultra Orange	Red Diffused	625	2.1	50	70	60 °
GNL-2014UGD	Gap	Ultra Green	Green Diffused	565	2.1	40	60	60 °
GNL-2014UYD	GaAsp/Gap	Ultra Yellow	Yellow Diffused	585	2.1	50	70	60 °
GNL-2014UBD	GaAsp/Gap	Ultra Blue	Blue Diffused	470	3.2	40	60	60 °
GNL-2014UWW	InGaN	Ultra White	White Diffused	5500k-7000k	3.2	200	250	60 °
GNL-2014SRD	GaAIAs	Super Red	Red Diffused	660	1.9	25	35	60 °