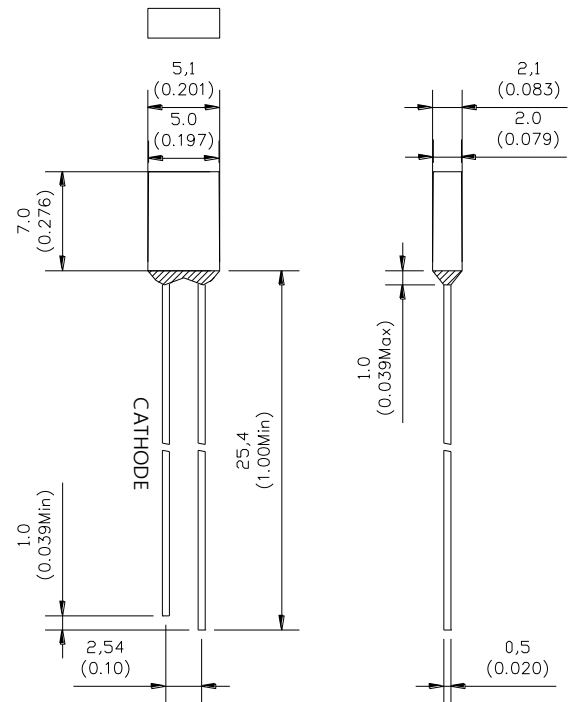


GNL-2513Uxx-TL (2x5mm RECTANGULAR TYPE) Bright white Brightness

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	Peak Wavelength (nm)	Vf (v) Typ.	IV (If=20mA) mcd		View Angle 2 θ 1/2
						Min.	Typ.	
GNL-2513UYD-TL	AlGaInP	Super Yellow	Yellow diffused	590	2.1	100	180	100°
GNL-2513UED-TL	AlGaInP	Super Red	Red diffused	625	2.1	100	180	100°
GNL-2513PGD-TL	InGaN	Pure Green	Green diffused	520	2.1	750	900	100°
GNL-2513UBD-TL	InGaN	Blue	Blue diffused	465	2.1	80	120	100°
GNL-2513UWW-TL	InGaN	Warm white	Milk Diffused	4000-4500K	3.1	550	700	120°
GNL-2513UWC-TL	InGaN	Warm white	Water clear	4000-4500K	3.1	1200	2000	80°