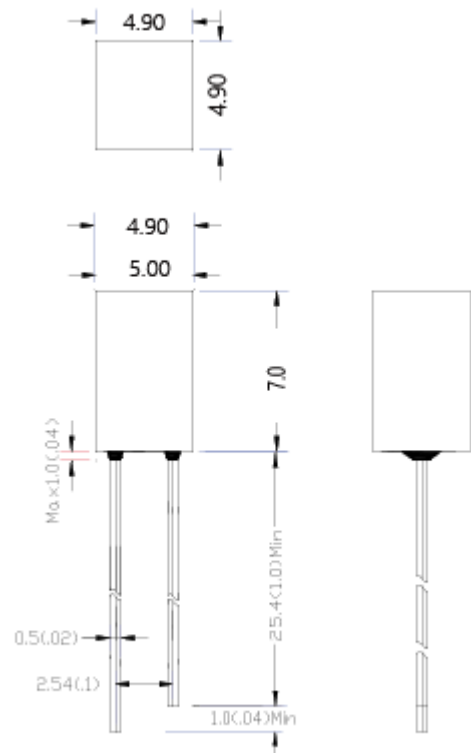


GNL-5513xx (5x5mm RECTANGULAR TYPE) Standard Brightness

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 θ 1/2
						Min.	Typ.	
GNL-5513HD	GaP	Red	Red Diffused	700	2.1	1.3	5	60°
GNL-5513GD	GaP	Green	Green Diffused	565	2.1	8	32	60°
GNL-5513YD	GaAsP	Yellow	Yellow Diffused	585	2.1	8	32	60°
GNL-5513UYD	AlGaInP	Yellow	Yellow Diffused	589	2.1	60	95	60°
GNL-5513ED	GaAsP/GaP	Orange	Red Diffused	625	2.0	8	50	60°
GNL-5513ED-E	GaAsP/GaP	Orange	Orange Diffused	635	2.0	8	50	60°
GNL-5513UED-TL	AlGaInP	Orange	Red Diffused	620	2.0	350	500	60°
GNL-5513PGD-TL	InGaN	green	Green diffused	520	2.0	450	800	60°