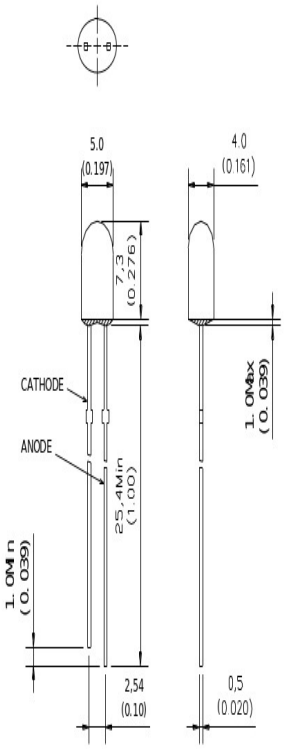
G-NOR ELECTRONICS CO.,LTD.

Lighting
LED TECHNOLOGY

GNL-5464xD

(Φ5mm OVAL TYPE)



ABSOLUTE MAXIMUM RATING:(Ta=25°C)

Parameter	G, B	RED	Unit
DC Forward Current	30	50	mA
Reverse Voltage	5		V
Power Dissipation	120		mw
Reverse Current (V_r-5V)	5		μA
Peak Forward Current, t_w =1 msec, Duty=1/20	120	150	mA
Operation Temperature	-40~+80		℃
Storage Temperature	-40~+100		℃
Solder Dip Temperature (5 seconds,1.6mm from a body)	300±5		℃

Feature:

1. **without stand-off No stopper**
2. Long life-solid state reliability
3. Long lead length (25.4mm)
4. Versatile mounting on P.C. board or panel

Material as follows:

1. Resin (Mold): Epoxy Resin
2. Lens Color: Red, Green and Blue (Diffusion Type);
3. Lead Frame: Ag plating, Copper Alloy

Part Number	EMITTED COLOR		Lens Color	Peak Wavelength (nm)	Vf (v) Typ.	IV (If=20mA) mcd		View Angle 2θ1/2
						Min.	Typ.	
GNL-5464UED	GaAlInP	Super Red	Red Diffused	625	2.0	300	450	100º/40º
GNL-5464UYD	GaAlInP	Super Amber	Yellow Diffused	592	2.0	300	450	100º/40º
GNL-5464UED-TL	GaAlInP	Super Red	Red Diffused	625	2.0	1200	2000	100º/40º
GNL-5464UYD-TL	GaAlInP	Super Amber	Yellow Diffused	592	2.0	1200	2000	100º/40º
GNL-5464PGD	InGaN	Pure Green	Green Diffused	520	3.5	1200	1600	100º/40º
GNL-5464UBD	InGaN	Super Blue	Blue Diffused	465	3.5	200	300	100º/40º