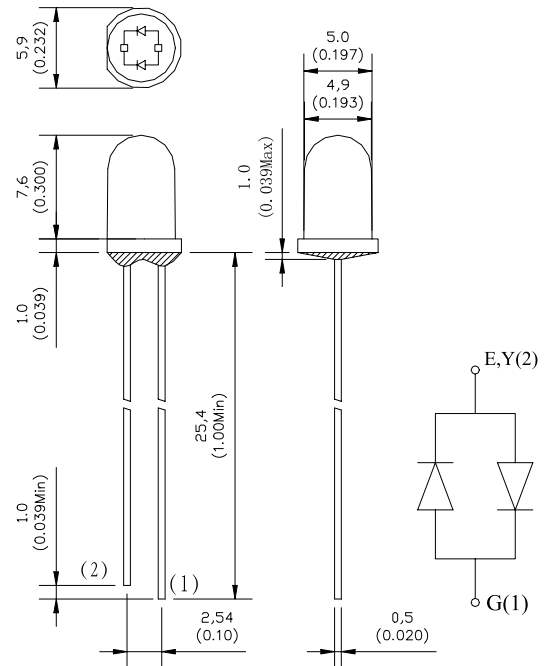


GNL-5017xx (Φ 5mm ROUND TYPE) Bi-color series

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 Temperature (5 seconds,1.6mm from body)	300	±5	°C



Part Number	EMITTED COLOR		Lens Color	Peak Wave length (nm)	Vf (v) Typ.	IV (If=20mA) mcd		View Angle 2 θ 1/2
						Min.	Typ.	
GNL-5017EGW	GaAsP/Gap	Hi-Eff Red	White Diffused	635	2.0	8.0	20	60°
	Gap	Green		565	2.1	5.0	15	
GNL-5017YGW	Gap	Green	White Diffused	565	2.1	5.0	15	60°
	GaAsP	Yellow		585	2.1	5.0	15	
GNL-5017UEUGW	AlGaInP	Ultra Red	White Diffused	625	2.0	120	250	60°
	AlGaInP	Super Green		572	2.0	100	200	
GNL-5017GGD	Gap	Green	Green Diffused	565	2.1	5.0	15	60°
	GaP	Green		565	2.1	5.0	15	
GNL-5017SSD	GaAlAs	Super Red	Red Diffused	660	1.8	10	25	60°
	GaAlAs	Super Red		660	1.8	10	25	
GNL-5017EGC	GaAsP/Gap	Hi-Eff Red	Water Clear	635	2.0	20	50	30°
	Gap	Green		565	2.1	15	30	
GNL-5017YGC	Gap	Green	Water Clear	565	2.1	15	30	30°
	GaAsP	Yellow		585	2.1	15	30	
GNL-5017UEUGC	AlGaInP	Super Red	Water Clear	625	2.0	280	600	30°
	AlGaInP	Super Green		572	2.0	260	550	
GNL-5017UEUET	AlGaInP	Ultra Red	Red Transparent	625	2.0	120	150	30°
	AlGaInP	Ultra Red		625	2.0	120	150	
GNL-5017UGUGT	AlGaInP	Super Green	Green Transparent	572	2.1	100	200	30°
	AlGaInP	Super Green		572	2.1	100	200	
GNL-5017UYUYT	AlGaInP	Super Yellow	Yellow Transparent	587	2.0	120	150	30°
	AlGaInP	Super Yellow		587	2.0	120	150	