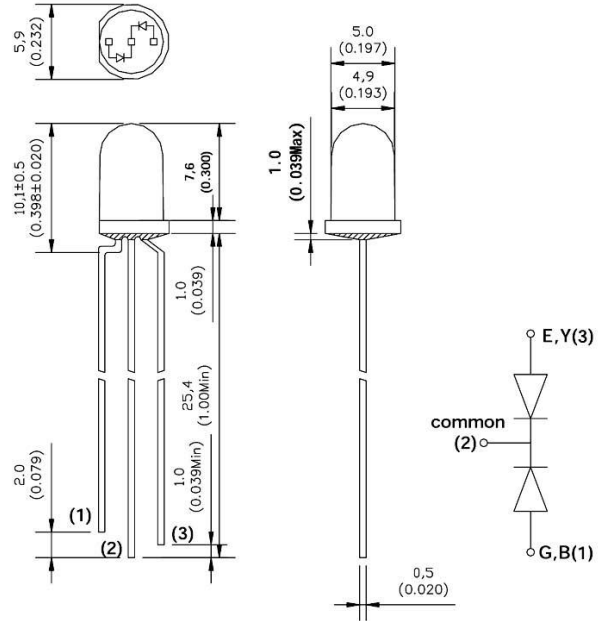


## GNL-5019xx (Φ 5mm ROUND TYPE)

Bi-color series Common Cathode

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		Mix Emitted Color	Lens Color	Peak Wave length (nm)	Vf (v) Typ.	IV (If=20mA) mcd		View Angle 2 θ 1/2
							Min.	Typ.	
GNL-5019EGW	GaAsP/ Gap	Hi-Eff Red	Orange	White Diffused	635	2.0	8.0	20	60°
	Gap	Green							
GNL-5019YGW	Gap	Green	Yellow-Green	White Diffused	565	2.1	5.0	15	60°
	GaAsP	Yellow							
GNL-5019UEUBW	AlGaInP	Super Red	Purple	White Diffused	625	2.0	120	250	60°
	InGaN	Super Blue							
GNL-5019UEUGW	AlGaInP	Super Red	Orange	White Diffused	625	2.0	120	250	60°
	AlGaInP	Super Green							
GNL-5019UEPGW-TL	AlGaInP	Super Red	Orange	White Diffused	625	2.0	1500	1700	60°
	InGaN	Super Green							
GNL-5019YGC	Gap	Green	Yellow-Green	Water Clear	565	2.1	15	30	30°
	GaAsP	Yellow							
GNL-5019UEUGC	AlGaInP	Super Red	Orange	Water Clear	625	2.0	280	600	30°
	AlGaInP	Super Green							
GNL-5019UEUBC	AlGaInP	Super Red	Purple	Water Clear	625	2.0	280	600	30°
	InGaN	Super Blue							