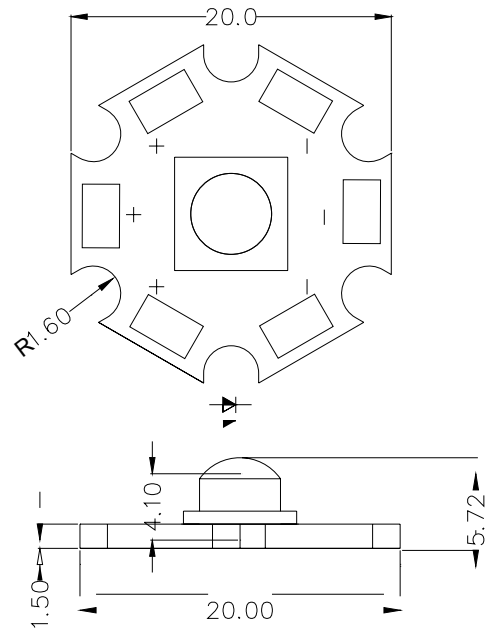


GNL-R20-300XX (Power LED Type)

ABSOLUTE MAXIMUM RATING:(Ta=25°C)

Parameter	Symbol	Max	Unit
DC Forward Current	I_F	350	mA
Reverse Voltage	V_R	5	V
Reverse Current (Vr=5V)	I_R	10	mA
Peak Forward Current ,tw ,=1 msec Duty ,=1/20	I_{FP}	500	mA
Operation Temperature	Topr	-40 C~+80 C	°C
Storage Temperature	Tstg	-25 C~+100 C	°C
Solder Dip (5 seconds, 1.6mm from body) Temperature		260	°C



Note:

1. All Dimensions are in millimeters
2. Tolerance is $\pm 0.25\text{mm}(0.010")$ Unless otherwise specified.

Part Number	EMITTED COLOR		Lens Color	Peak Wavelength (nm)	Vf (v) Typ	IV (If=350mA) Im		View Angle 2 θ 1/2
						Min.	Max.	
GNL-R20-300HPPG	InGaN	Ultra Pure Green	Water Clear	525	3.3	96	105	120°
GNL-R20-300HPUB	InGaN	Ultra Blue	Water Clear	465	3.3	35	45	120°
GNL-R20-300HPUE	AlGaInp	Ultra Red	Water Clear	625	2.2	35	45	120°
GNL-R20-300HPUY	AlGaInp	Ultra Yellow	Water Clear	590	2.2	35	45	120°
GNL-R20-300HPWW	InGaN	Warm White	Water Clear	2700k-3500k	3.3	100	110	120°
GNL-R20-300HPCW	InGaN	Ultra White	Water Clear	5000k-7500k	3.3	100	110	120°