

Part No. LLL-WHITE

5 mm

Round

Type : LED Lamps

Part Number: LLL-WHITE

1.SPECIFICATIONS

(1) Absolute Maximum Rating/极限参数

(Ta=25)

Parameter参数	Symbol符号	Absolute Maximum Rating 极限参数	Unit 单位
Forward Current/正向最大电流	If	50	mA
Peak Forward Current/峰值电流	Ifp	100	mA
Reverse Voltage /最大反向电压	Vr	5	V
Power Dissipation/ 损耗功率	Pd	170	mW
Electrostatic Discharge/防静电电压	HBM	500	V
Operating Temperature/工作温度范围	Top	-40 ~80	
Storage Temperature/储存温度范围	Tstg	-40 ~100	
Lead Soldering Temperature/焊接温度	Tsol	260 FOR 5 SECONDS	

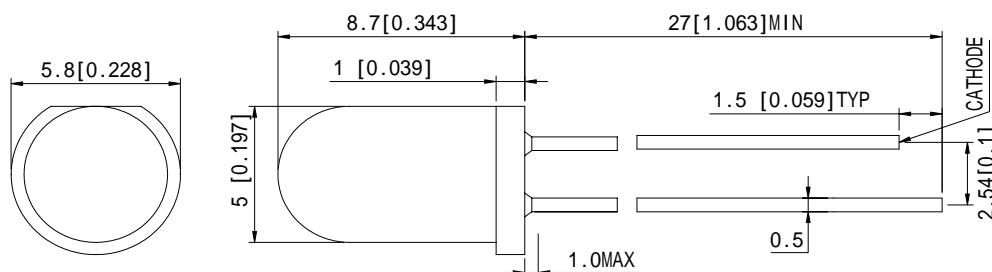
IFP Conditions: Pulse Width 10msec.and duty 1/10

(2) Initial Electrical/Optical Characteristics/光电参数

(Ta=25)

Parameter 参数	Symbol 符号	Condition 测试条件	Min	Typ	Max	Unit 单位
Forward Voltage/正向电压	VF	IF=20(mA)	/	3.3	3.8	V
Reverse Current/反向电流	IR	VR=5(V)	/	/	10	μ A
Viewing Angle/发光角度	2 1/2	IF=20(mA)	/	20	/	deg
Luminous Intensity/发光强度	Iv	IF=20(mA)	15000	17000	/	mcd
CIE坐标系数	X	IF=20(mA)	/	0.31	/	/
	Y	IF=20(mA)	/	0.32	/	/
Spectral width at half height /半波宽度		IF=20(mA)	/	/	/	nm

2.Package Dimension



Part Number	Chip		Lens Color
	Material	Emitting Color	
KP-5W4SC-Z	GaN	WHITE	Water Clear

NOTES:

- All dimension are millimeters
- Tolerance is ± 0.25 mm unless otherwise noted.