5.0mm Round Type LED Lamps

MODEL NO: IE-5B4SW

★Features:

- Low power consumption;
- High efficiency and high performance;
- Choice of various viewing angles;
- Reliable and robust.

★Lens Color:

☐Color Diffused ☐Color Transparent

☐Water Clear ☑ White Diffused

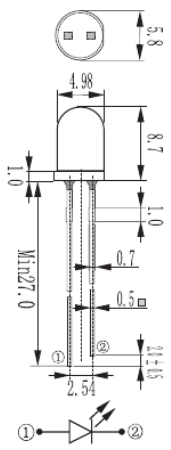
★Descriptions:

- The series is specially designed for applications requiring higher brightness.
- The led lamps are available with different Colors, intensities, epoxy colors, etc.

★Applications:

- Indicators
- Automotive
- Home electric appliance
- Sign & Signal.

★Package Dimension:



★Attention

1、All dimensions are in millimeters(inches).
2、Tolerance is ±0.25mm(0.01") unless otherwise specified.
3、The outstanding gum edge part is biggest not very in 1.5mms.
4、The long feet is a LED Anode.

★Absolute Maximum Ratings(Ta=25℃):

Parameter	Symbol	Rating	Unit	Remark
Forward Current	I_F	30	mA	——
Peak Forward Current	I_{FP}	100	mA	1/10 Duty Cycle
Reverse Voltage	V_R	5	V	——
Operating Temperature	Topr	-25 ~+85	℃	——
Storage Temperature	Tstg	-40 ~+100	℃	——
Soldering Temperature	Tsol	260	℃	≤3 seconds
Power Dissipation	Pd	80	mW	——

★Electronic Optical Characteristics(Ta=25℃):

Part Number	Emitting Color	V_F(V) I_F=20mA			IV(mcd) I_F=20mA		I_R(μA) VR=5V	λd(nm)	Δλ(nm)	Viewing Angle $2\theta_{1/2}$(°)
		Min	Typ	Max	Typ	Max				
IE-5B4SW	Blue	2.8	3.1	3.6	850	1900	<10	460-470	25	50°

★Elucidation: Pb =Pb free Soldering Application, Pb<1000ppm(RoHS-Compliant)