

5.0mm Round Type LED Lamps

MODEL NO: IE-5RC3UT-12B

★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 ● Home electric appliance
- Automotive ● Sign & Signal.

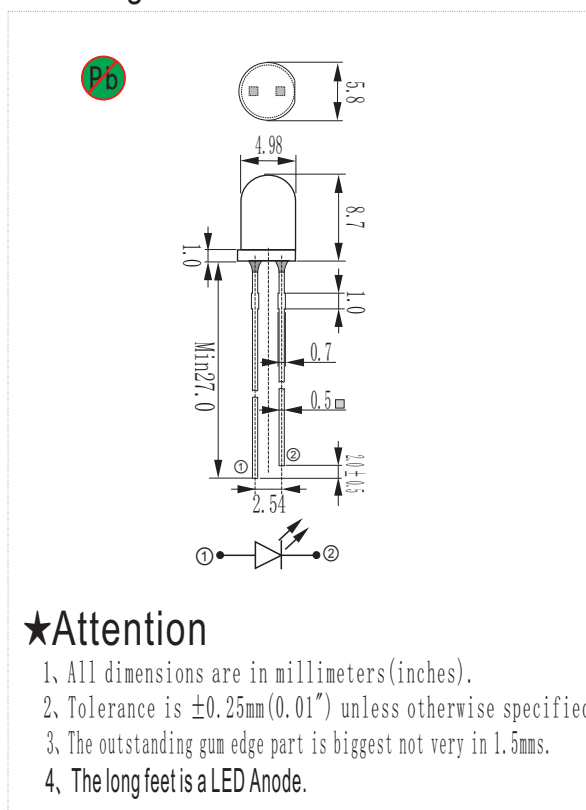
★Absolute Maximum Ratings(Ta=25°C):

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	T_{OPR}	-25 ~ +85	°C	—
Storage Temperature	T_{Stg}	-40 ~ +100	°C	—
Soldering Temperature	T_{Sol}	260	°C	≤3 seconds
Power Dissipation	P_d	60	mW	—

★Electronic Optical Characteristics(Ta=25°C):

Part Number	Emitting Color	$V_F(V)$			$IV_{(mcd)}$		$I_R(\mu A)$ VR=5V	$\lambda d(nm)$	$\Delta\lambda(nm)$	Viewing Angle 2θ _{1/2} (°)
		$I_F=20mA$			$I_F=20mA$					
		Min	Typ	Max	Typ	Max				
IE-5RC3UT-12B	RED	1.65	2.0	2.4	18000	32000	<10	620-630	25	15°

★Package Dimension:



★Attention

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

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