

## 5.0mm Round Type LED Lamps

MODEL NO : CL-504ST-8A

### ★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.

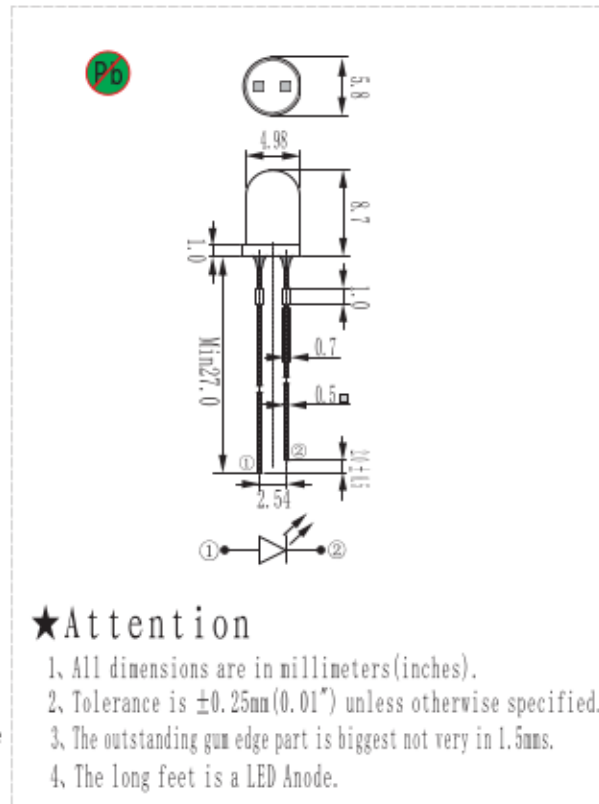
### ★Absolute Maximum Ratings (Ta=25°C):

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	$V_F(V)$			$I_V(mcd)$		$I_a(\mu A)$ VR=5V	$\lambda_d(nm)$	$\Delta\lambda(nm)$	Viewing Angle 200(°)
		$I_F=20mA$			$I_F=20mA$					
		Min	Typ	Max	Typ	Max				
CL-504ST-8A	ORANGE	1.65	2.0	2.4	3000	6500	<10	600-610	20	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)

- ▲ LEDs
- ▲ LED Displays
- ▲ LED Light
- ▲ Infrared LEDs
- ▲ LCD Backlight