

3.0mm Round Type LED Lamps

MODEL NO: IE-3RB9UW-CA

★Features:

- Two chips are matched for uniform light output;
- Long life-solid state reliability;
- IC compatible/low power consumption;

★Lens Color:

- Water Clear White Diffused

★Descriptions:

- The LED Lamp contains two integral chips And is available as both bicolor and bipolar types;
- The Super Red and Super Blue Light are emitted by diodes of GaAlAs and GaP respectively.

★Applications:

- Indicators ● Home Electric Appliance
- Automotive ● Sign & Signal

★Absolute Maximum Ratings (Ta=25°C):

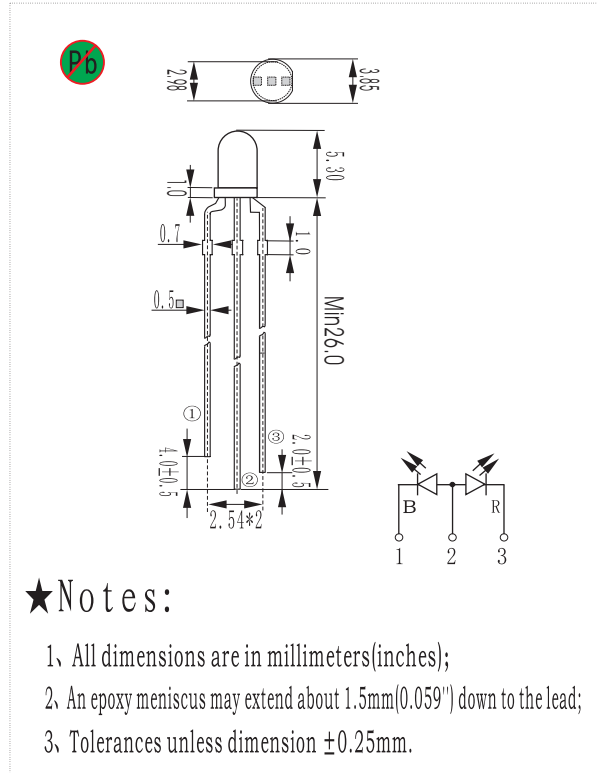
Parameter	Symbol	Rating	Unit	Remark
Forward Current	I_{FM}	30	mA	—
Peak Forward Current	I_{FP}	100	mA	1/10 Duty Cycle
Reverse Voltage	V_R	5	V	—
Operating Temperature	T_{OPR}	-25 + 85	°C	—
Storage Temperature	T_{Stg}	-40 + 100	°C	—
Soldering Temperature	T_{Sol}	260	°C	<3 seconds
Power Dissipation	P_d	80	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-3RB9UW-CA	RED	1.65	2.0	2.4	800	—	<10	618-630	20	70°
	BLUE	2.8	3.0	3.6	500	—		460-470	25	

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

★Package Dimension:



★Notes:

1. All dimensions are in millimeters(inches);
2. An epoxy meniscus may extend about 1.5mm(0.059") down to the lead;
3. Tolerances unless dimension $\pm 0.25mm$.

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