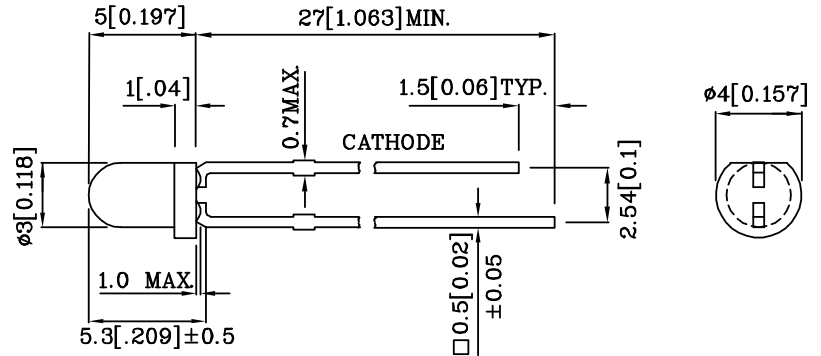


Features

- T-1 PACKAGE WITH RECTANGULAR BASE.
- WITH BUILT-IN BLINKING IC.
- OPERATION VOLTAGE FROM 3.5V TO 14V.
- BLINKING FREQUENCY FROM 3.0Hz TO 1.5Hz.
- RoHS COMPLIANT.



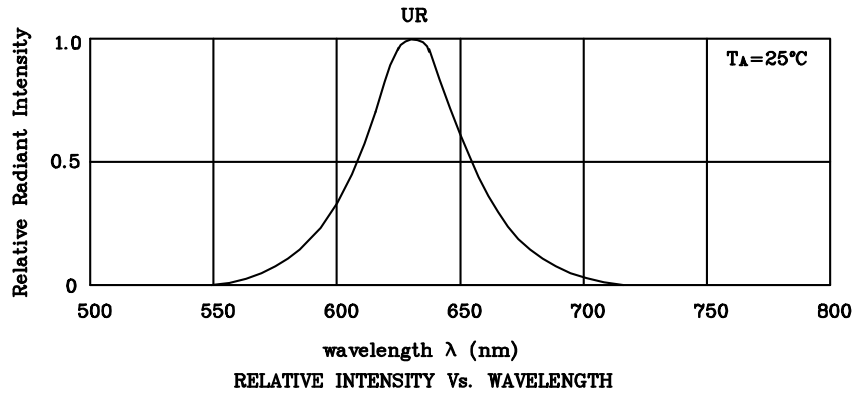
Notes:

1. All dimensions are in millimeters (inches).
2. Tolerance is $\pm 0.25(0.01)$ unless otherwise noted.

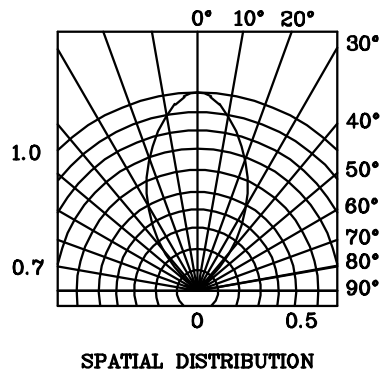
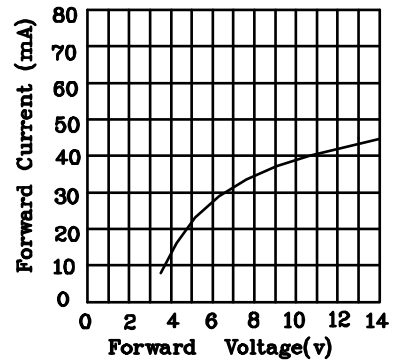
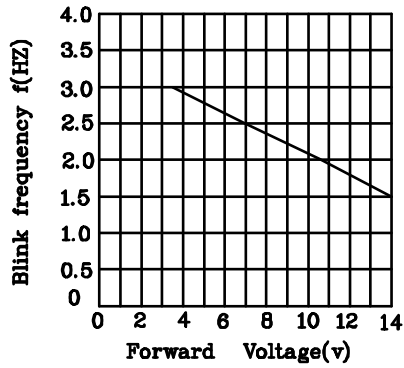
Absolute Maximum Ratings (TA=25°C)		UR (GaAsP/GaP)	Unit
Reverse Voltage	V _R	0.5	V
Forward Voltage	V _F	14	V
Power Dissipation	P _T	310	mW
Operating Temperature	T _A	-40 ~ +70	°C
Storage Temperature	T _{stg}	-40 ~ +85	
Lead Solder Temperature [2mm Below Package Base]	260°C For 3 Seconds		
Lead Solder Temperature [5mm Below Package Base]	260°C For 5 Seconds		

Operating Characteristics (TA=25°C)		UR (GaAsP/GaP)	Unit
Forward Current (Min.) (V _F =3.5V)	I _F	8	mA
Forward Current (Typ.) (V _R =5V)	I _F	22	mA
Supply Current (V _F =3.5V)	I _{SON}	8	mA
Supply Current (V _F =14V)	I _{SON}	44	mA
Blink Frequency (V _F =3.5V)	f	3	Hz
Blink Frequency (V _F =14V)	f	1.5	Hz
Wavelength of Peak Emission	λ _P	627	nm
Wavelength of Dominant Emission	λ _D	625	nm
Spectral Line Full Width At Half-Maximum	Δλ	45	nm

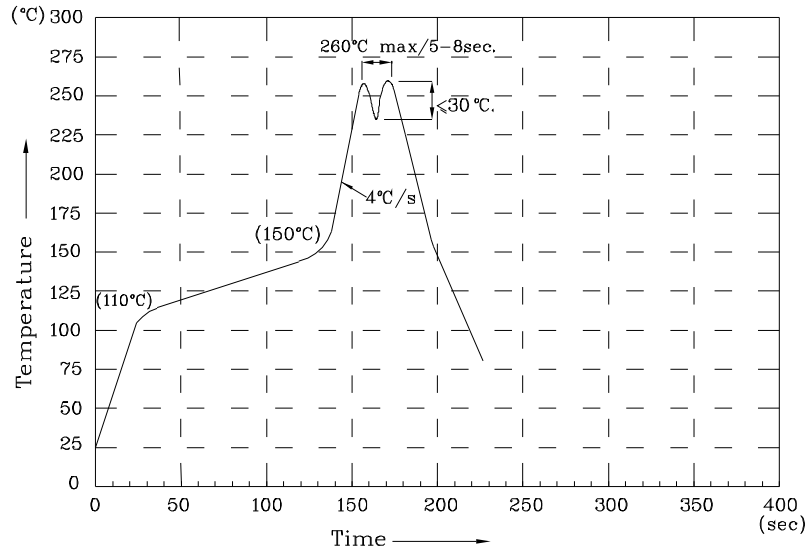
Part Number	Emitting Color	Emitting Material	Lens-color	Luminous Intensity (V= 9V) mcd		Wavelength nm λ _P	Viewing Angle 2θ 1/2
				min.	typ.		
BUR34D	Red	GaAsP/GaP	Red Diffused	12	19	627	60°
Published Date : SEP 08,2005 Drawing No : SDSA3458 V2 Checked : B.L.LIU P.1/3							



❖ UR



Wave Soldering Profile For Lead-free Through-hole LED.



NOTES:

1. Recommend the wave temperature 245°C~260°C. The maximum soldering temperature should be less than 260°C.
2. Do not apply stress on epoxy resins when temperature is over 85 degree°C.
3. The soldering profile apply to the lead free soldering (Sn/Cu/Ag alloy).
4. No more than once.