10mm Blinking Red LED

OSHR0X31A

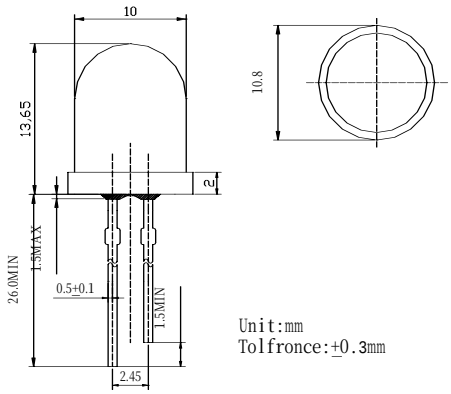
▪Features

- High Power LEDs
- 10mm Standard Directivity
- Water Clear Type
- Blinking Type
- Superior Weather-resistance

▪Applications

- Automotive Dashboard Lighting
- Traffic Signal Lamp

▪Outline Dimension

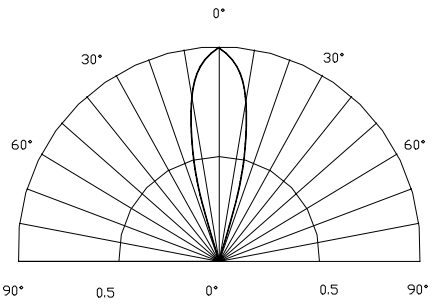


▪Absolute Maximum Rating (Ta=25℃)

Item	Symbol	Value	Unit
Oscillator Frequency	Fled	1.5	Hz
Operating Temperature	Topr	-30 ~ +80	℃
Storage Temperature	Tstg	-30 ~ +100	℃
Lead Soldering Temperature	Tsol	260℃/3sec	-

*Pulse width Max.10ms Duty ratio max 1/10

▪Directivity



▪Electrical -Optical Characteristics (Ta=25℃)

Item	Symbol	Condition	Min.	Typ.	Max.	Unit
Operating Voltage	Vdd	-	4.5	5.0	6.0	V
Operating Current	Iop	-	-	10	40	mA
Quiescent Current	Isb	-		1	5	uA
Driving Current	Iol	-	-	25	-	mA
Domi. Wavelength	λ_D	I_F=20mA	620	625	630	nm
Luminous Intensity	Iv	I_F=20mA	1120	1560	2180	mcd
50% Power Angle	$2\theta_{1/2}$	I_F=20mA	-	30	-	deg