EN: This Datasheet/Document is presented by the manufacturer.

Please visit our website for pricing and availability at www.hestore.hu.

OptoSupply

5mm Flashing White LED
OSPW5X31A

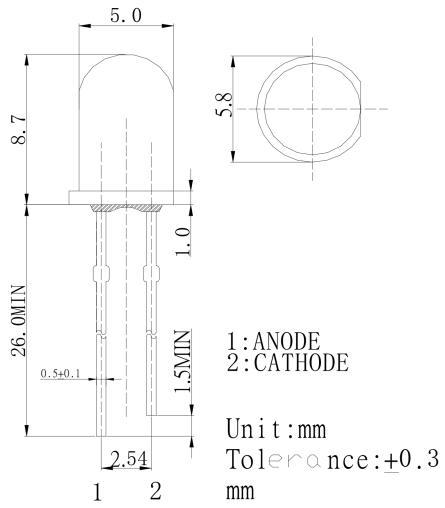
■Features

- High Power LEDs
- 5mm Standard Directivity
- Water Clear Type
- Flashing Type
- Superior Weather-resistance

■Applications

- Automotive Dashboard Lighting
- Traffic Signal Lamp

■Outline Dimension

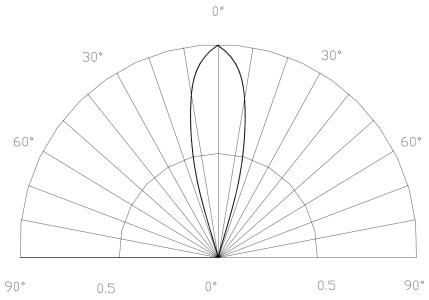


■Absolute Maximum Rating (Ta=25℃)

Item	Symbol	Value	Unit
Oscillator Frequency	Fled	1.5	Hz
Operating Temperature	Topr	-30 ~ +80	℃
Storage Temperature	Tstg	-40 ~ +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	-	3.5	4.0	4.8	V
Operating Current	Iop	-	-	10	40	μA
Reverse Current	Irc	Vr=5V	-	-	10	μA
Driving Current	Iol	-	-	25	-	mA
Domi. Wavelength	X	I_F=20mA	0.25	0.27	0.30	-
	Y	I_F=20mA	0.26	0.28	0.31	-
Luminous Intensity	Iv	I_F=20mA	2000	3000	-	mcd
50% Power Angle	$2\theta_{1/2}$	I_F=20mA	-	30	-	deg