5mm Bullet LED

OSXXDK6231A

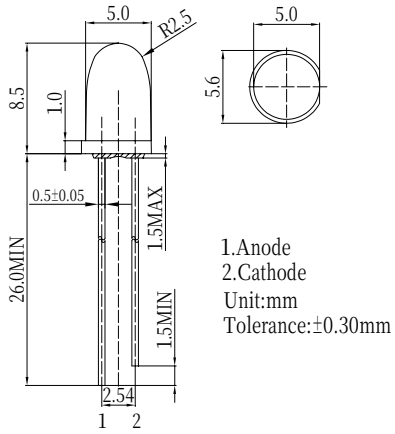
▪Features

- High Luminous LEDs
- 5mm Bullet Standard Directivity
- Long Lifetime Operation
- Superior Weather-resistance
- UV Resistant Epoxy
- Water Clear Type

▪Applications

- Electronic Signs And Signals
- Small Area Illuminations
- Back Lighting
- Other Lighting

▪Outline Dimension

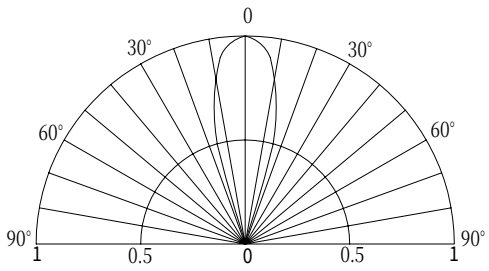


▪Absolute Maximum Rating (Ta=25°C)

Item	Symbol	Value		Unit
		W/B/G	Y/O/R	
DC Forward Current	I_F	30	30	mA
Pulse Forward Current*	I_{FP}	100	100	mA
Reverse Voltage	V_R	5	5	V
Power Dissipation	P_D	108	70	mW
Operating Temperature	Topr	-40 ~ +85		°C
Storage Temperature	Tstg	-40~ +85		°C
Lead Soldering Temperature	Tsol	260°C/5sec		-

*Pulse width Max 0.1ms, Duty ratio max 1/10

▪Directivity



■Electrical -Optical Characteristics (Ta=25°C)

Part Number	Color			V_F (V)			I_R(μA)	Φv(lm)*			λD(nm)*			2θ1/2(deg)
				Min.	Typ.	Max.	Max.	Min.	Typ.	Max.	Min.	Typ.	Max.	Typ.
				I_F=20mA			V_R=5V	I_F=20mA						
OSW4DK6231A	White	W		2.9	3.1	3.6	10	-	5.5	-	X=0.31, Y=0.32			30
OSB5SA6231A	Blue	B		2.9	3.1	3.6	10	-	1	-	465	470	475	30
OSG5DA6231A	Pure Green	G		2.9	3.1	3.6	10	-	3	-	520	525	530	30
OSY5WA6231A	Yellow	Y		1.9	2.1	2.6	10	-	2	-	586	590	592	30
OSO5WA6231A	Orange	O		1.9	2.1	2.6	10	-	2	-	600	605	610	30
OSR5WA6231A	Red	R		1.9	2.1	2.6	10	-	2	-	620	625	630	30

Note: *1. Tolerance of chromaticity coordinates is ±10%

*2. Dominant wavelength tolerance: ±1nm

*3. Tolerance of luminous Flux is ±15%