

■ **Features**

- 0.6x0.6 Inch Light Bar
- Long lifetime operation
- IC compatible
- Low power dissipation
- 15x15mm

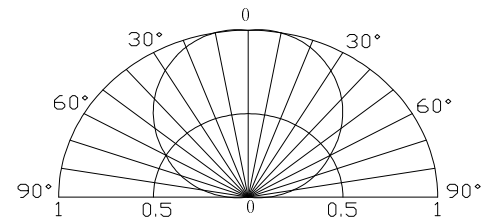
■ **Applications**

- Other lighting

■ **Absolute Maximum Rating (Ta=25°C)**

Item	Symbol	Value	Unit
DC Forward Current	I _F	30	mA
Pulse Forward Current*	I _{FP}	100	mA
Reverse Voltage	V _R	5	V
Power Dissipation	P _t	75	mW
Operating Temperature	Topr	-30 ~ +70	°C
Storage Temperature	Tstg	-40~ +85	°C
Lead Soldering Temperature(1.6mm from seating plane)	Tsol	260°C/5sec	°C

■ **Directivity**



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

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

Part Number	Color	V _F (V)			I _R (μA)	I _v (mcd)			λD (nm)			50% Power Angle
		Min.	Typ.	Max.	Max.	Min.	Typ.	Max.	Min.	Typ.	Max.	Typ.
		I _F =20mA			V _R =5V	I _F =20mA						I _F =20mA
OSX40601-A(B)YG	Yellow Green	1.8	2.1	2.5	20	25	35	-	565	570	575	120
OSX40601-A(B)Y	Yellow	1.8	2.1	2.5	20	50	60	-	585	590	595	120
OSX40601-A(B)O	Orange	1.8	2.1	2.5	20	60	80	-	600	605	610	120
OSX40601-A(B)R	Red	1.8	2.1	2.5	20	40	60	-	630	640	650	120

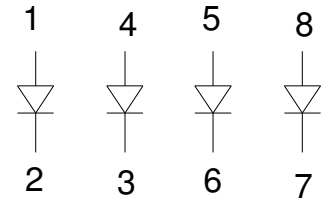
*1 Tolerance of measurements of dominant wavelength is +1nm

*2 Tolerance of measurements of luminous intensity is +15%

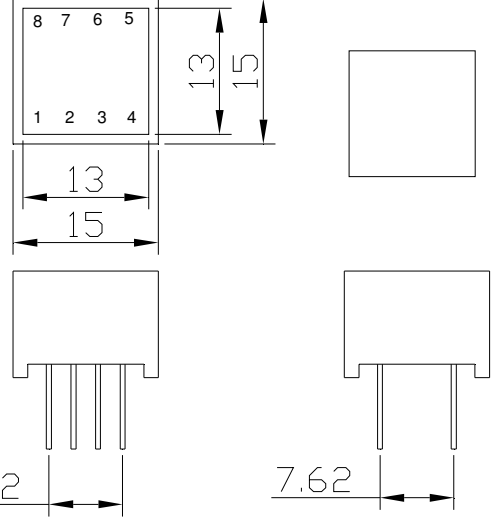
*3 Tolerance of measurements of forward voltage is ±0.1V

■ Package Dimensions and Pin Function

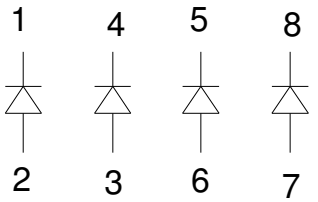
OSX40601-AX



Note:
1, Unit : mm(Tolerance:±0.25mm unless otherwise noted)
2, The slope angle of any PIN may be±5.0°Max



OSX40601-BX



Note:
1, Unit : mm(Tolerance:±0.25mm unless otherwise noted)
2, The slope angle of any PIN may be±5.0°Max

