

■ **Features**

- 0.6x0.6 Inch light cube
- Long lifetime operation
- IC compatible
- Low power dissipation

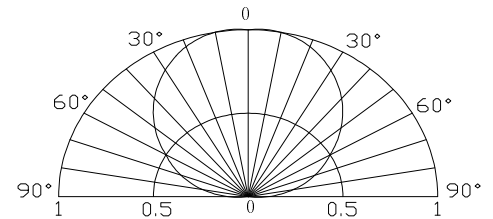
■ **Applications**

- Home appliances
- Digital readout displays

■ **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-AYG(BYG)	Yellow Green 	1.8	2.1	2.5	20	25	35	-	565	570	575	120
OSX40601-AY(BY)	Yellow 	1.8	2.1	2.5	20	50	60	-	585	590	595	120
OSX40601-AO(BO)	Orange 	1.8	2.1	2.5	20	60	80	-	600	605	610	120
OSX40601-AR(BR)	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

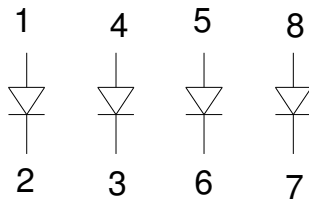
■ Package Dimensions and Pin Function

OSX40601-AX

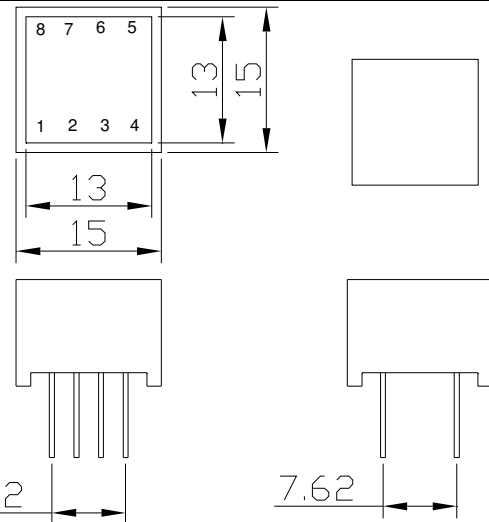
Note:

1, Unit : mm(Tolerance:±0.25mm unless otherwise noted)

2, The slope angle of any PIN may be±5.0°Max



$2.54 * 3 = 7.62$

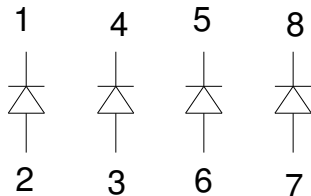


OSX40601-BX

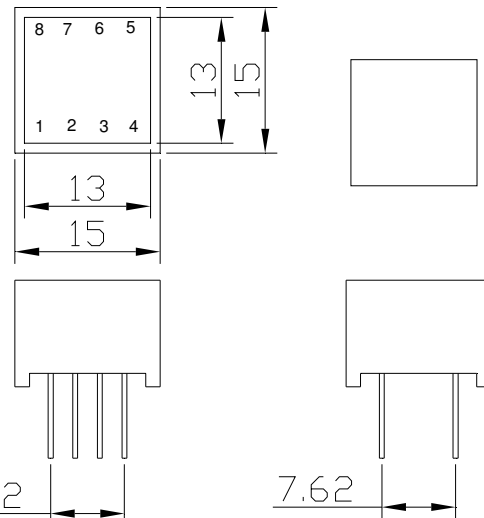
Note:

1, Unit : mm(Tolerance:±0.25mm unless otherwise noted)

2, The slope angle of any PIN may be±5.0°Max



$2.54 * 3 = 7.62$



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