

■ Features

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

■ Applications

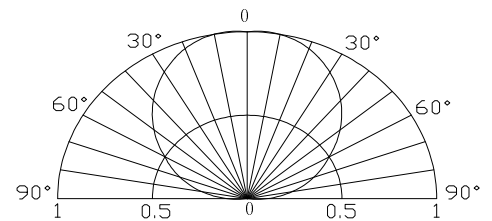
- Home appliances
- Digital readout displays

■ 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	T _{opr}	-30 ~ +70	°C
Storage Temperature	T _{stg}	-40 ~ +85	°C
Lead Soldering Temperature(1.6mm from seating plane)	T _{sol}	260°C/5sec	°C

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

■ Directivity



■ 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

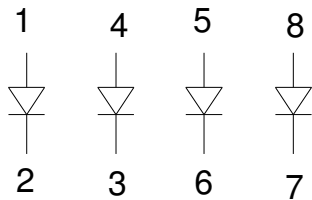
■ Package Dimensions and Pin Function

OSX40601-AX

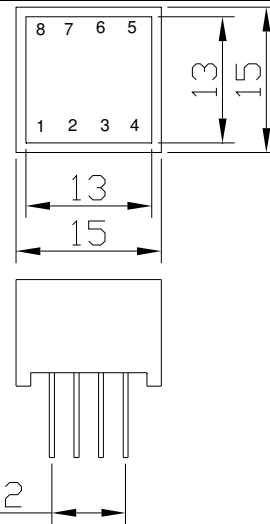
Note:

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

2, The slope angle of any PIN may be $\pm 5.0^\circ$ Max



$$2.54 \times 3 = 7.62$$



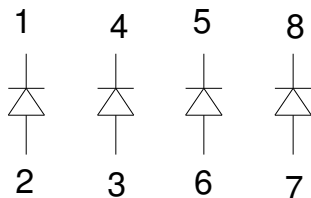
$$7.62$$

OSX40601-BX

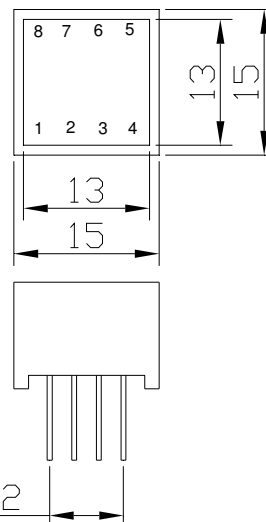
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