

■ Features

- 2.37 Inch Sixty-Four Dot Matrix
- Long lifetime operation
- IC compatible
- Low power dissipation

■ Photo



■ Applications

- Counting device
- Clock

■ Absolute Maximum Rating (Ta=25°C)

Item	Symbol	Value		Unit
		YG/Y/O/R/RA	W/B/G	
DC Forward Current	I _F	20	20	mA
Pulse Forward Current#	I _{FP}	100	100	mA
Reverse Voltage	V _R	5	5	V
Power Dissipation	P _t	50	68	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

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

Part Number	Color			V _F (V)			I _R (μA)	I _v (mcd)			λD(nm)/CCT(K)		
				Min.	Typ.	Max.	Max.	Min.	Typ.	Max.	Min.	Typ.	Max.
				I _F =20mA			V _R =5V	I _F =20mA					
OSL642371-AW(BW)	White	W		-	2.9	3.4	20	-	100	-	CCT:8500-18000K		
OSL642371-AB(BB)	Blue	B		-	2.9	3.4	20	-	50	-	460	465	470
OSL642371-AG(BG)	Pure Green	G		-	2.9	3.4	20	-	200	-	515	525	530
OSL642371-AYG(BYG)	Yellow Green	YG		-	2.1	2.5	20	-	12	-	565	570	575
OSL642371-AY(BY)	Yellow	Y		-	2.1	2.5	20	-	60	-	585	590	595
OSL642371-AO(BO)	Orange	O		-	2.1	2.5	20	-	70	-	600	605	610
OSL642371-AR(BR)	Red	R		-	2.1	2.5	20	-	26	-	630	640	650
OSL642371-ARA(BRA)	High Red	RA		-	2.1	2.5	20	-	100	-	620	625	630

*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

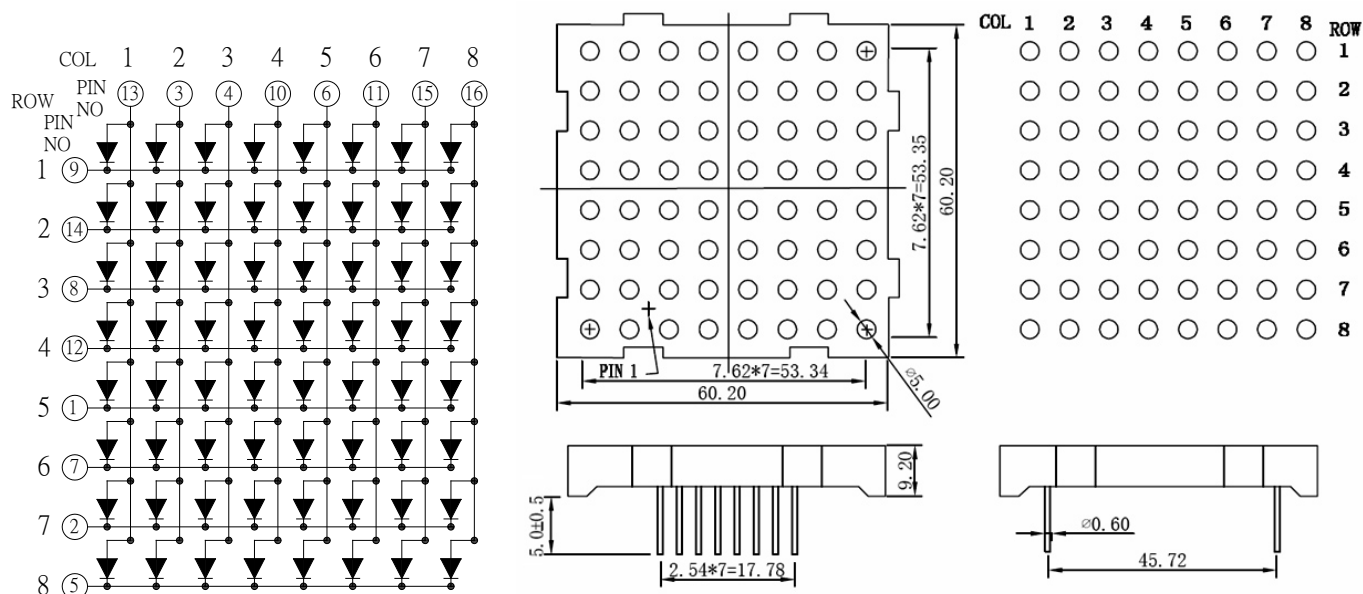
■ Package Dimensions and Pin Function

OSL642371-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



OSL642371-BX

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

