

■ **Features**

- 1.5 Inch 8x8 Dot Matrix
- Long lifetime operation
- IC compatible
- Low power dissipation
- Black surface & white segment or dot

■ **Applications**







- Counting device
- Clock

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

Item	Symbol	Value	Unit
DC Forward Current	I _F	20	mA
Pulse Forward Current#	I _{FP}	100	mA
Reverse Voltage	V _R	5	V
Power Dissipation	P _t	62.5	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

#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)			
			Min.	Typ.	Max.	Max.	Min.	Typ.	Max.	Min.	Typ.	Max.	
			I _F =20mA			V _R =5V	I _F =20mA						
OSL641501-AB(BB)	Blue	B		-	3.3	3.6	20	40	50	80	465	470	475
OSL641501-AG(BG)	Pure Green	G		-	3.3	3.6	20	150	200	300	520	525	530
OSL641501-AYG(BYG)	Yellow Green	YG		-	2.2	2.6	20	10	12	30	565	571	575
OSL641501-AY(BY)	Yellow	Y		-	2.1	2.5	20	50	60	100	585	590	595
OSL641501-AR(BR)	Red	R		-	2.1	2.5	20	15	20	40	625	630	640
OSL641501-ARA(BRA)	High Luminance Red	RA		-	2.1	2.5	20	80	100	150	620	625	630

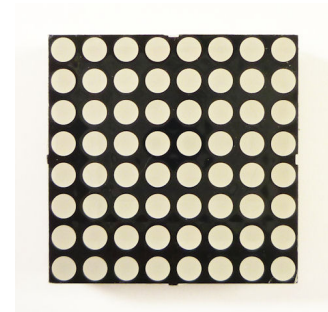
*1 Tolerance of measurements of dominant wavelength is ±1nm

*2 Tolerance of measurements of chromaticity coordinate is ±10%

*3 Tolerance of measurements of luminous intensity is ±15%

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

■ **Picture**

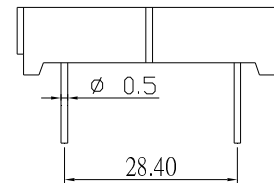
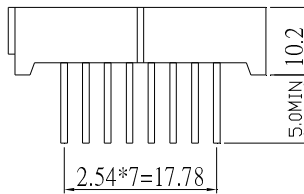
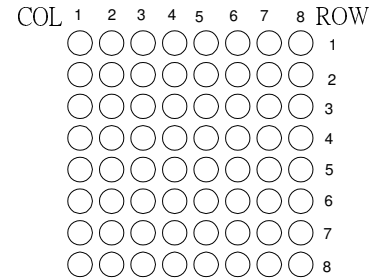
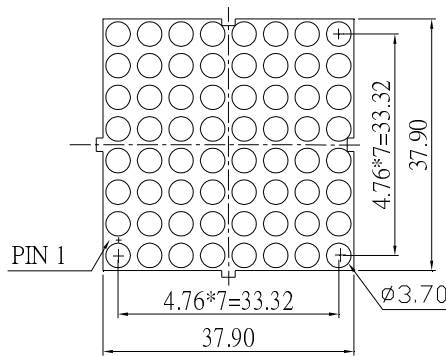
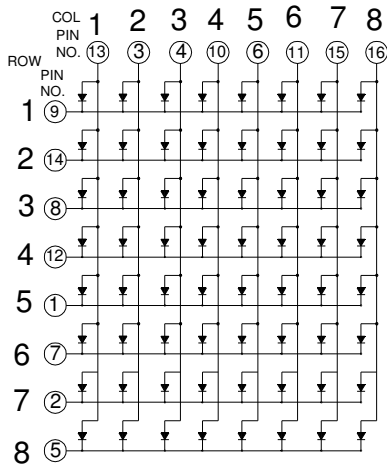


■ Package Dimensions and Pin Function

OSL641501-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



OSL641501-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

