

■ **Features**

- 1.5 Inch Sixty-Four Square Matrix
- Long lifetime operation
- IC compatible
- Low power dissipation
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■ **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	50	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					
OSL641505-AW(BW)	White	W	2.8	3.1	3.6	20	100	150	-	X:0.28, Y:0.29		
OSL641505-AB(BB)	Blue	B	2.8	3.1	3.6	20	50	70	-	460	470	475
OSL641505-AG(BG)	Pure Green	G	2.8	3.1	3.6	20	160	200	-	515	525	530
OSL641505-AYG(BYG)	Yellow Green	YG	1.8	2.2	2.6	20	10	15	-	565	571	575
OSL641505-AY(BY)	Yellow	Y	1.8	2.1	2.6	20	50	60	-	585	590	595
OSL641505-AO(BO)	Orange	O	1.8	2.1	2.6	20	50	60	-	600	605	610
OSL641505-AR(BR)	Red	R	1.8	2.1	2.6	20	20	30	-	620	630	640
OSL641505-ARA(BRA)	High Luminance Red	RA	1.8	2.1	2.6	20	80	100	-	620	625	630

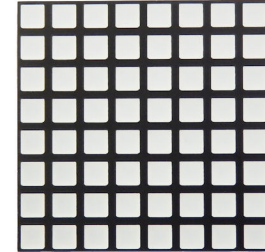
*1 Tolerance of measurements of dominant wavelength is ±1nm

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

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

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

■ **Pictures**



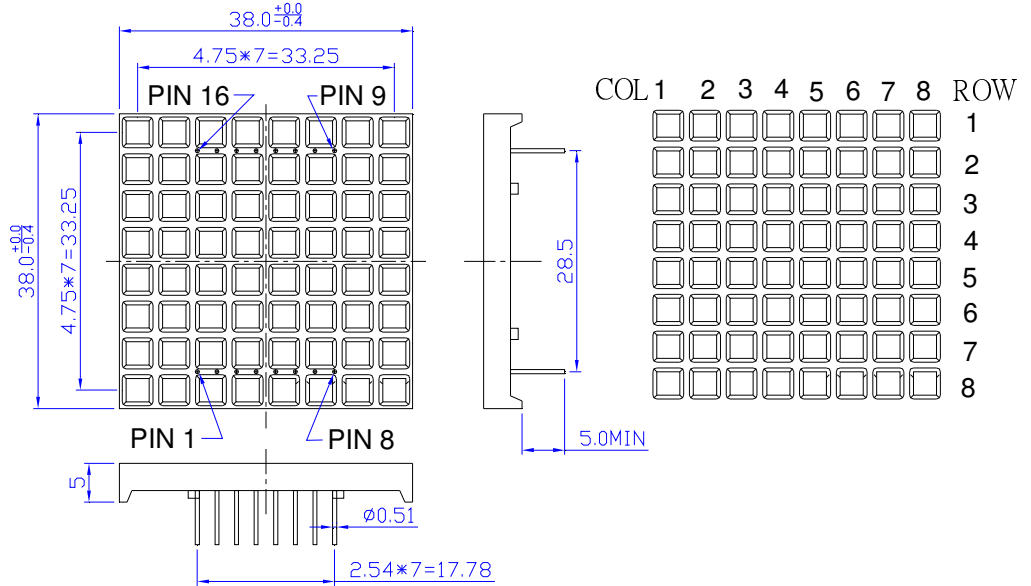
■ Package Dimensions and Pin Function

OSL641505-XX

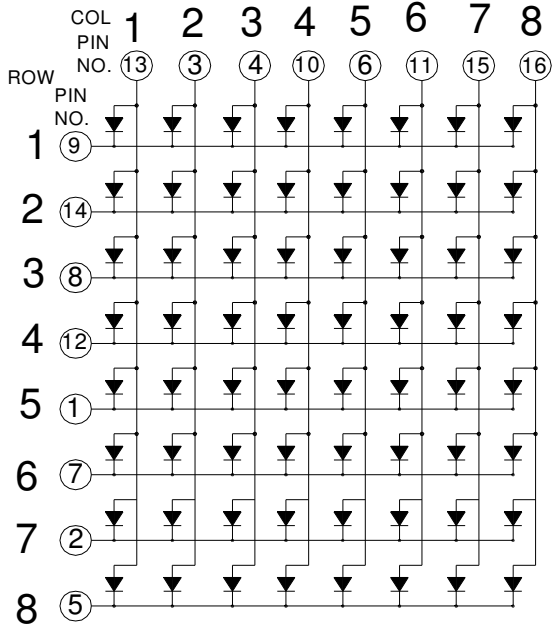
Note:

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

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



OSL641505-AX



OSL641505-BX

