

■ Features

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

■ 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 dominant wavelength is±1nm

*2 Tolerance of luminous intensity is±15%

[参考資料]

■ Package dimensions and pin function

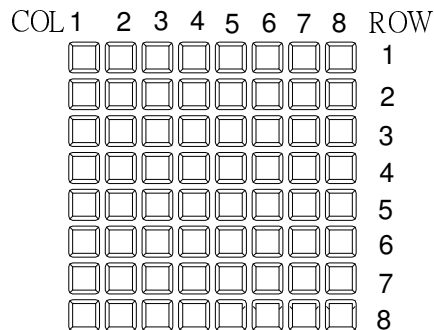
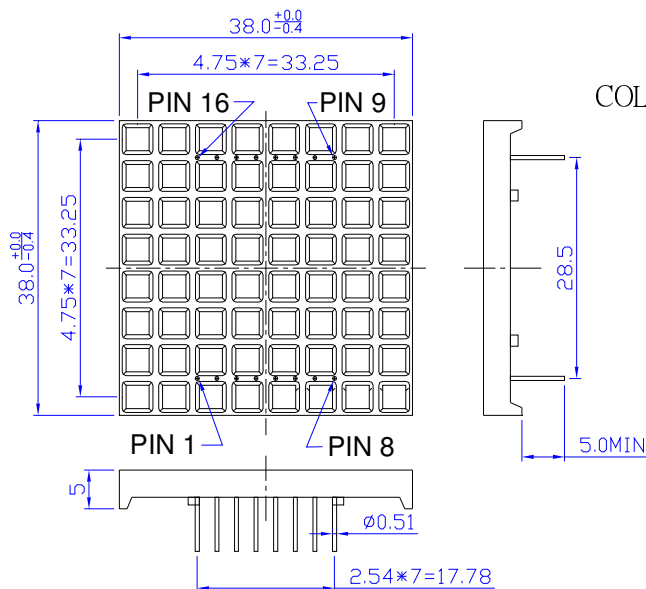
OSL641505-XX

Note:

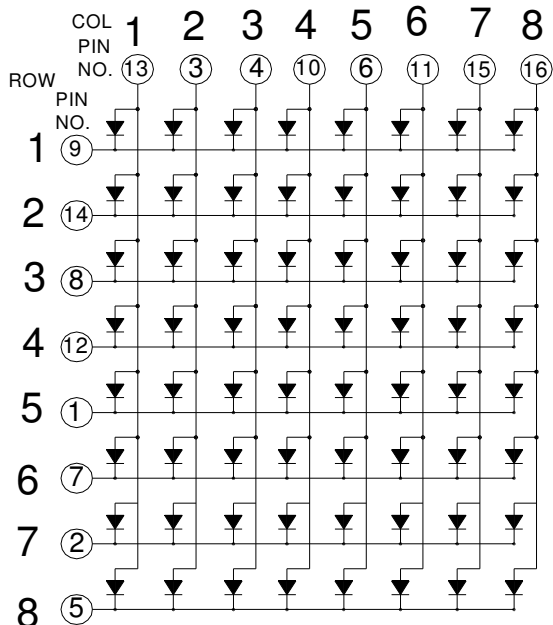
1, Unit : mm (Tolerance: ± 0.25 mm unless otherwise noted)

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

[参考資料]



OSL641505-AX



OSL641505-BX

