OptoSupply
Light It Up

1.5 Inch Sixty-Four Dot Matrix
OSL641501-XX
VER A.1

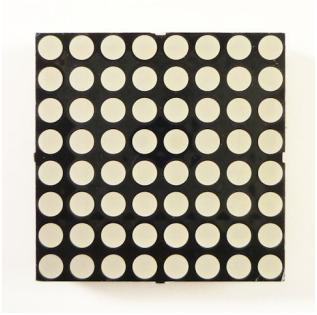
■ Features

- 1.5 Inch 64 Dot Matrix
- Long lifetime operation
- IC compatible
- Low power dissipation
- Black surface & white segment or dot

■ Applications

- Counting device
- Clock

■Pictures



■ Absolute Maximum Rating (Ta=25℃)

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	℃
Storage Temperature	Tstg	-40~ +85	℃
Lead Soldering Temperature(1.6mm from seating plane)	Tsol	260℃/5sec	℃

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

■ Electrical -Optical Characteristics (Ta=25℃)

Part Number	Color			V_F (V)			I_R(μA)	Iv(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

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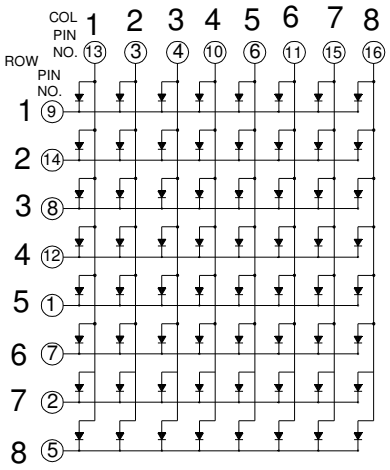
■ Package Dimensions and Pin Function

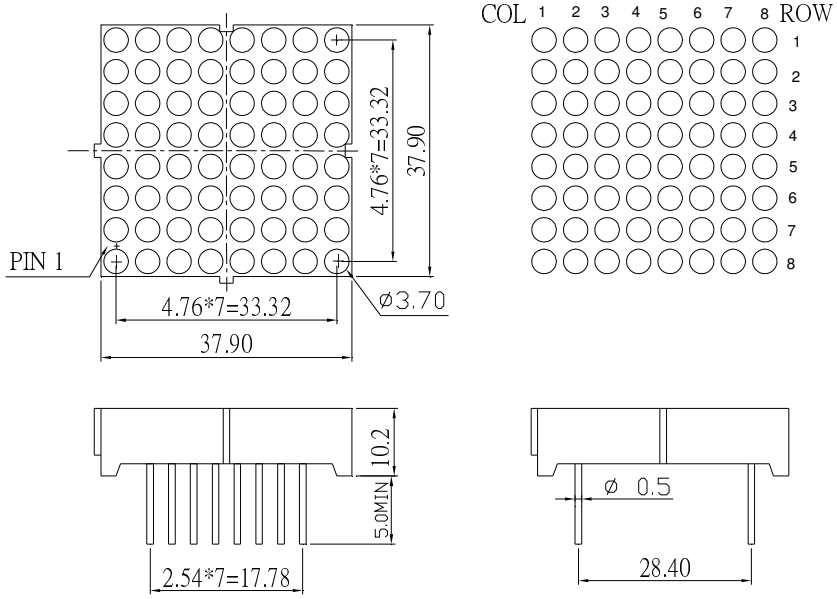
OSL641501-AX

Note:

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

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





OSL641501-BX

Note:

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

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