

■ **Features**

- 0.78 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 <sub>F</sub>	25	mA
Pulse Forward Current*	I <sub>FP</sub>	100	mA
Reverse Voltage	V <sub>R</sub>	5	V
Power Dissipation	P <sub>t</sub>	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)

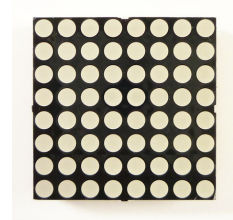
Part Number	Color		V <sub>F</sub> (V)			I <sub>R</sub> (μA)	I <sub>v</sub> (mcd)			λD(nm)			
			Min.	Typ.	Max.	Max.	Min.	Typ.	Max.	Min.	Typ.	Max.	
			I <sub>F</sub> =20mA			V <sub>R</sub> =5V	I <sub>F</sub> =20mA						
OSL640781-AB(BB)	Blue	B		-	3.3	4.0	20	-	50	-	-	470	-
OSL640781-AG(BG)	Pure Green	G		-	3.3	4.0	20	-	200	-	-	525	-
OSL640781-AYG(BYG)	Yellow green	YG		-	2.2	2.6	20	-	12	-	-	571	-
OSL640781-AY(BY)	Yellow	Y		-	2.1	2.5	20	-	60	-	-	590	-
OSL640781-AO(BO)	Orange	O		-	2.1	2.5	20	-	70	-	-	605	-
OSL640781-AR(BR)	Red	R		-	2.1	2.5	20	-	20	-	-	630	-
OSL640781-ARA(BRA)	High Luminance Red	RA		-	2.1	2.5	20	-	100	-	-	625	-

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

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

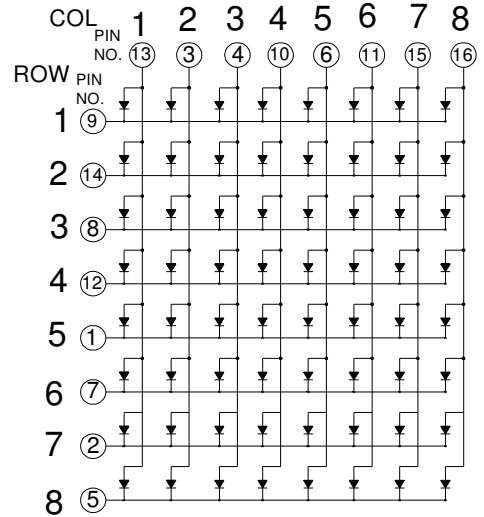
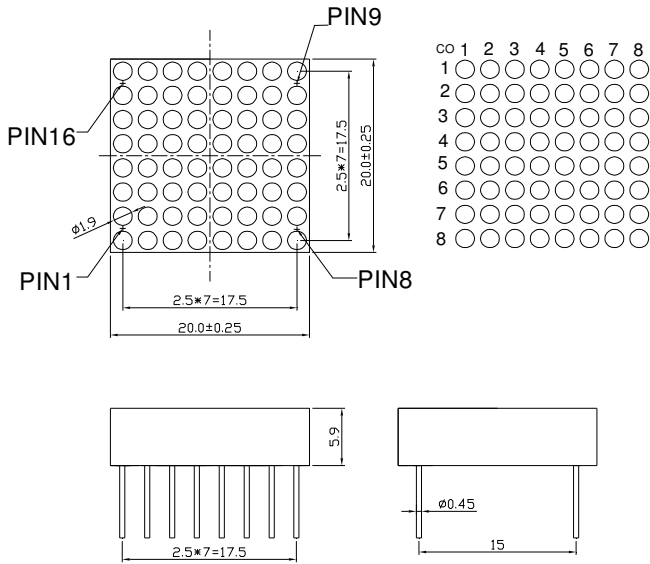
\*3 Tolerance of measurements of forward voltage is±0.1V

■ **Pictures**

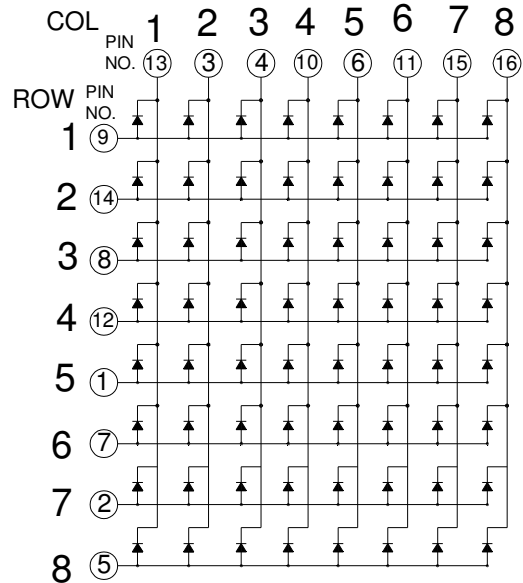
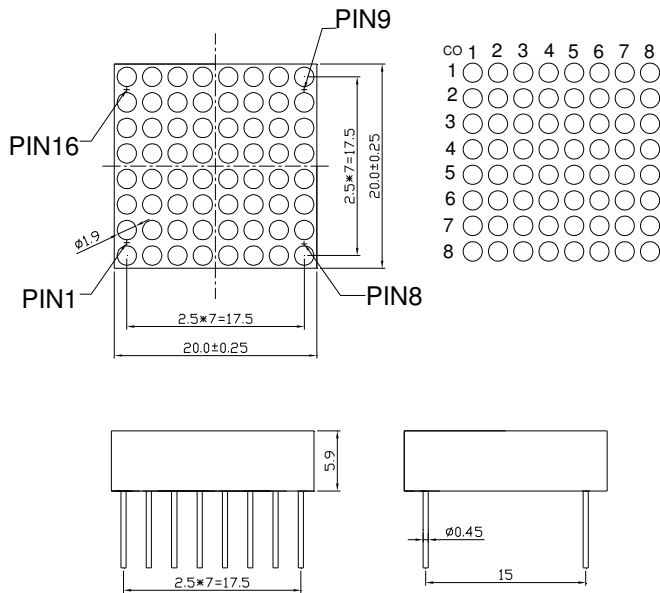


■ Package Dimensions and Pin Function

**OSL640781-AX**



**OSL640781-BX**



Note:

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

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