

■ **Features**

- 0.78 Inch Sixty-Four (8x8) Dot Matrix
- Long lifetime operation
- IC compatible
- Low power dissipation
- Black face & white dot

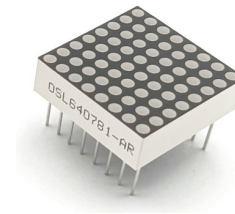
■ **Applications**

- Counting device
- Clock

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

Item	Symbol	Value		Unit
		YG/Y/O/R/RA	W/G/B	
DC Forward Current	I _F	20	20	mA
Pulse Forward Current#	I _{FP}	100	100	mA
Reverse Voltage	V _R	5	5	V
Power Dissipation	P _t	50	68	mW
Operating Temperature	T _{opr}	-30 ~ +70		°C
Storage Temperature	T _{stg}	-40~ +85		°C
Lead Soldering Temperature(1.6mm from seating plane)	T _{sol}	260°C/5sec		°C

■ **Pictures**



#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)			λ _D (nm)		
			Min.	Typ.	Max.	Max.	Min.	Typ.	Max.	Min.	Typ.	Max.
			I _F =20mA			V _R =5V	I _F =20mA					
OSL640781-AW(BW)	White	W	-	2.9	3.4	20	-	100	-	CCT:8500-18000K		
OSL640781-AB(BB)	Blue	B	-	2.9	3.4	20	-	50	-	460	470	475
OSL640781-AG(BG)	Pure Green	G	-	2.9	3.4	20	-	200	-	515	525	530
OSL640781-AYG(BYG)	Yellow Green	YG	-	2.1	2.5	20	-	12	-	560	570	575
OSL640781-AY(BY)	Yellow	Y	-	2.1	2.5	20	-	60	-	585	590	595
OSL640781-AO(BO)	Orange	O	-	2.1	2.5	20	-	70	-	600	605	610
OSL640781-AR(BR)	Red	R	-	2.1	2.5	20	-	20	-	625	630	640
OSL640781-ARA(BRA)	High Luminance Red	RA	-	2.1	2.5	20	-	100	-	620	625	630

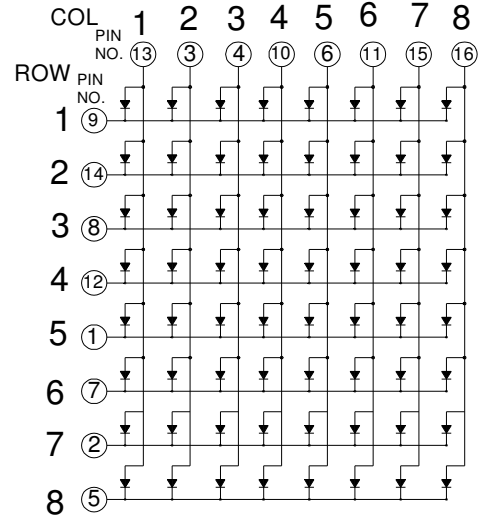
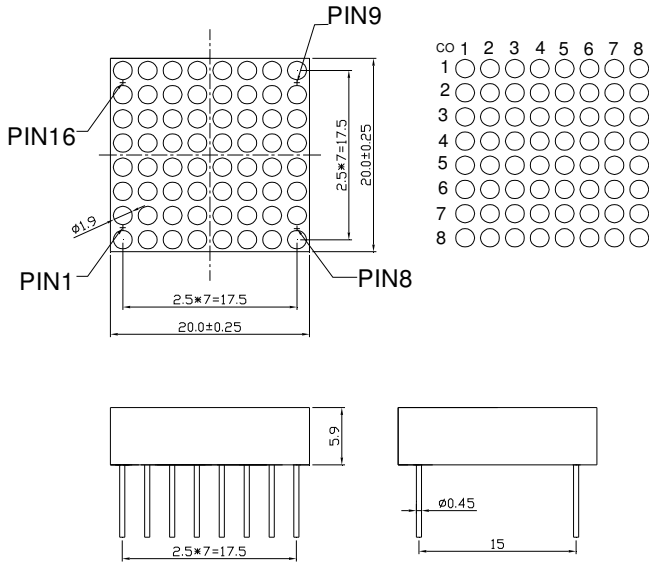
*1 Tolerance of measurements of dominant wavelength is ±1nm

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

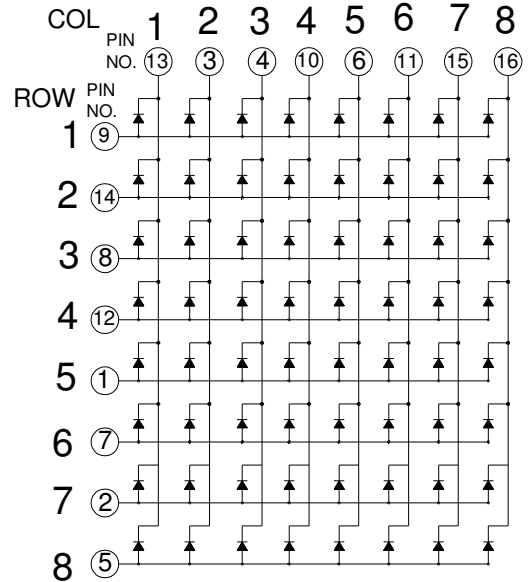
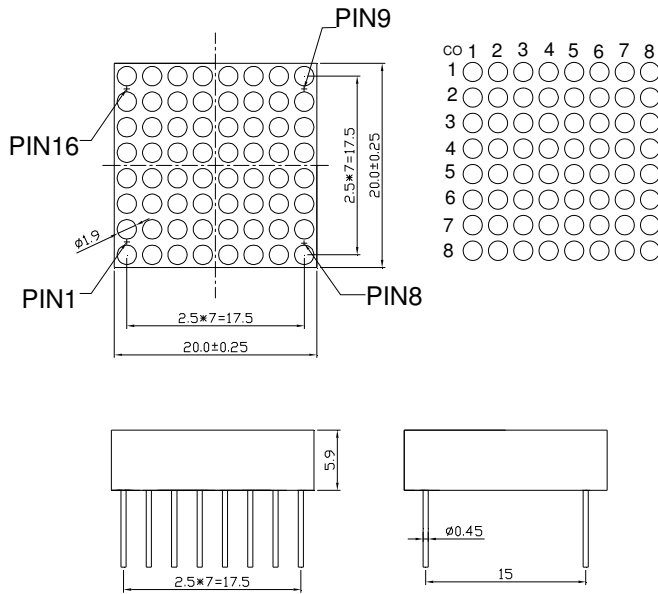
*3 Tolerance of measurements of forward voltage is ±0.1V

■ 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

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