

■ **Features**

- 0.7 Inch ten 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
		B/PG	YG/Y/R	
DC Forward Current	I _F	25	25	mA
Pulse Forward Current*	I _{FP}	100	100	mA
Reverse Voltage	V _R	5	5	V
Power Dissipation	P _t	90	65	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)			λ _D (nm)		
				Min.	Typ.	Max.	Max.	Min.	Typ.	Max.	Min.	Typ.	Max.
				I _F =20mA			V _R =5V			I _F =20mA			
OSL350701-AB(BB)	Blue	B		-	3.1	3.6	10	-	50	-	460	465	475
OSL350701-AG(BG)	Pure Green	G		-	3.1	3.6	10	-	270	-	515	525	530
OSL350701-AYG(BYG)	Yellow Green	YG		-	2.1	2.6	10	-	12	-	565	570	575
OSL350701-AY(BY)	Yellow	Y		-	2.1	2.6	10	-	60	-	585	590	595
OSL350701-AR(BR)	Red	R		-	2.1	2.6	10	-	30	-	625	630	640-
OSL350701-ARA(BRA)	High Luminance Red	RA		-	2.1	2.6	10	-	100	-	620	625	630-

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

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

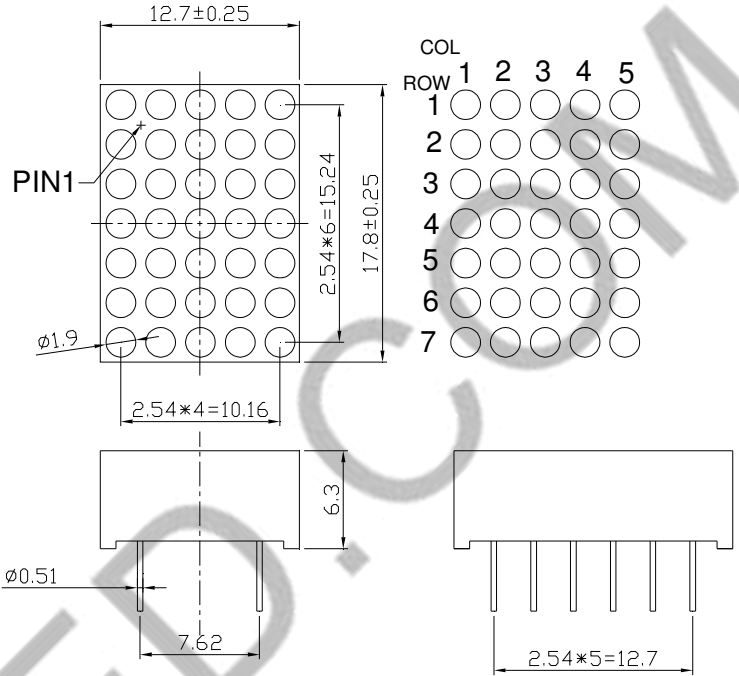
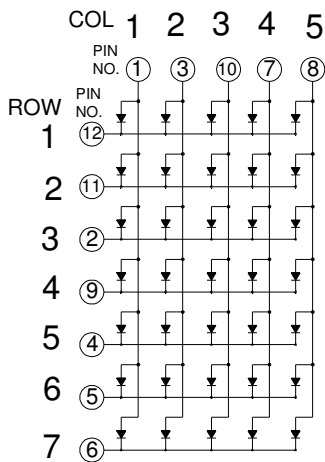
*3 Tolerance of measurements of forward voltage is ±0.1V

■ Package Dimensions and Pin Function

OSL350701-AX

Note:

- 1, Unit : mm (Tolerance: ±0.25mm unless otherwise noted)
- 2, The slope angle of any PIN may be ±5.0° Max



OSL350701-BX

Note:

- 1, Unit : mm (Tolerance: ±0.25mm unless otherwise noted)
- 2, The slope angle of any PIN may be ±5.0° Max

