

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

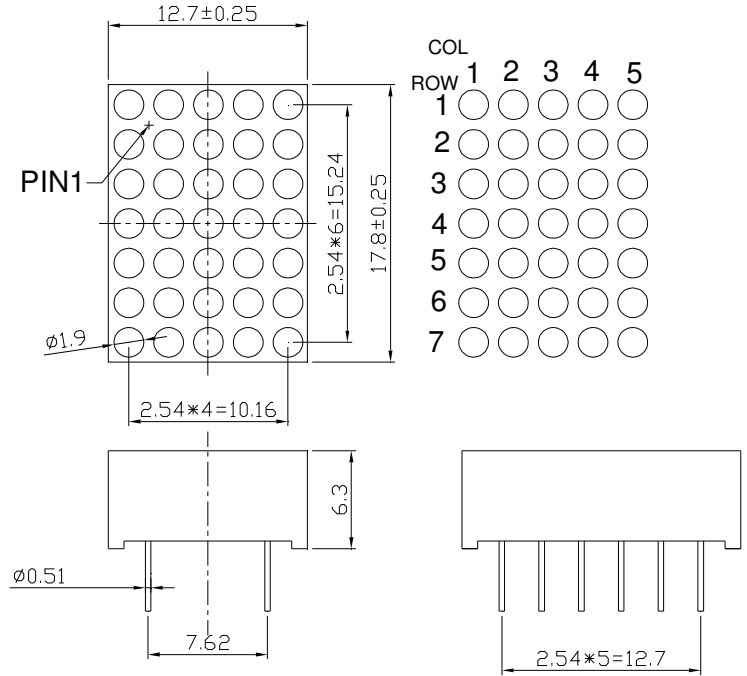
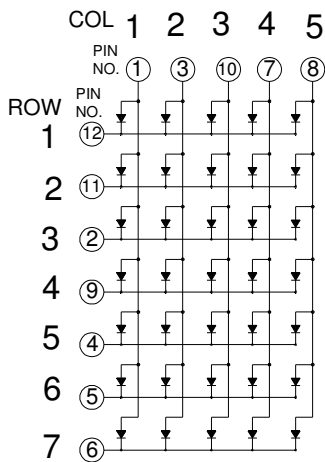
\*3 Tolerance of measurements of forward voltage is ±0.1V

**■ Package Dimensions and Pin Function**

**OSL350701-AX**

Note:

- 1, Unit : mm (Tolerance:  $\pm 0.25$ mm unless otherwise noted)
- 2, The slope angle of any PIN may be  $\pm 5.0^\circ$  Max



**OSL350701-BX**

Note:

- 1, Unit : mm (Tolerance:  $\pm 0.25$ mm unless otherwise noted)
- 2, The slope angle of any PIN may be  $\pm 5.0^\circ$  Max

