

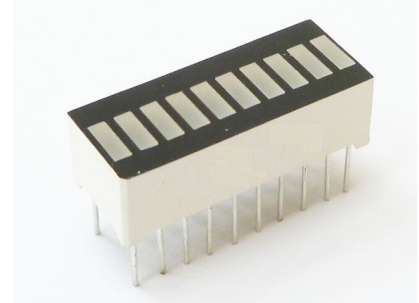
■ Features

- 0.2 Inch ten Digit Display
- Long lifetime operation
- IC compatible
- Low power dissipation

■ Applications

- Counting device
- Clock

■ Photo



Item	Symbol	Value		Unit
		R/YG/Y	B/G	
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	62.5	72	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

■ Absolute Maximum Rating (Ta=25°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)			λD(nm)			
			Min.	Typ.	Max.	Max.	Min.	Typ.	Max.	Min.	Typ.	Max.	
			I _F =20mA			V _R =5V	I _F =20mA						
OSX10201-B	Blue	B	■	-	3.3	3.6	20	-	50	-	460	465	475
OSX10201-G	Pure Green	G	■	-	3.1	3.6	20	-	262	-	515	525	530
OSX10201-YG	Yellow Green	YG	■	-	2.1	2.5	20	-	15	-	565	570	575
OSX10201-Y	Yellow	Y	■	-	2.1	2.5	20	-	133	-	585	587	595
OSX10201-R	Red	R	■	-	2.1	2.5	20	-	70	-	620	630	635

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

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

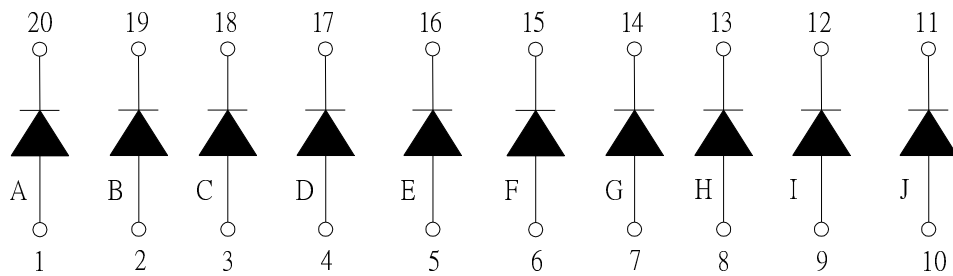
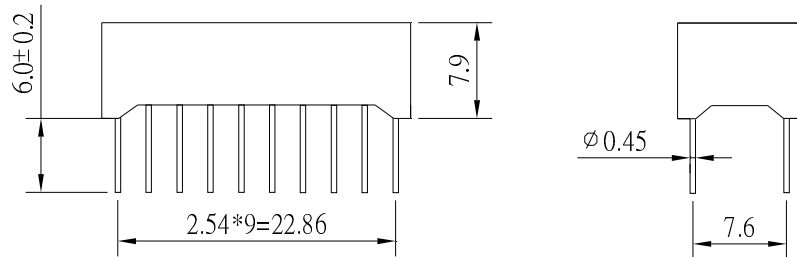
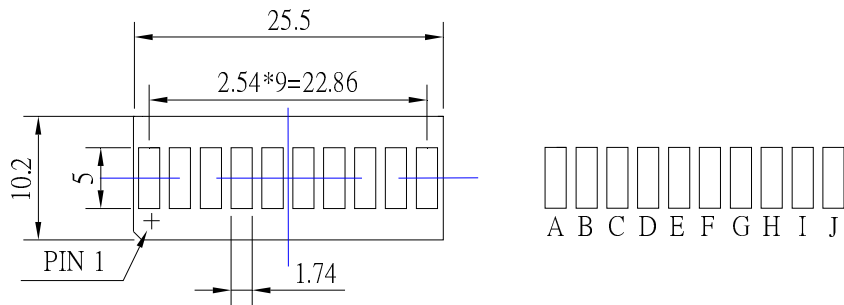
*3 Tolerance of measurements of forward voltage is ±0.1V

■ Package Dimensions and Pin Function

OSX10201-X

Note:

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



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