

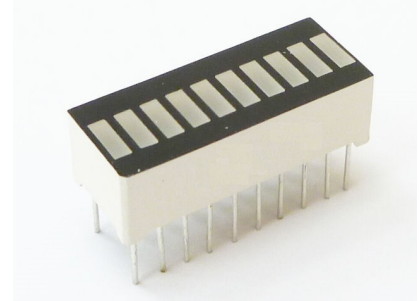
■ **Features**

- 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 <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>	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 <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						
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%

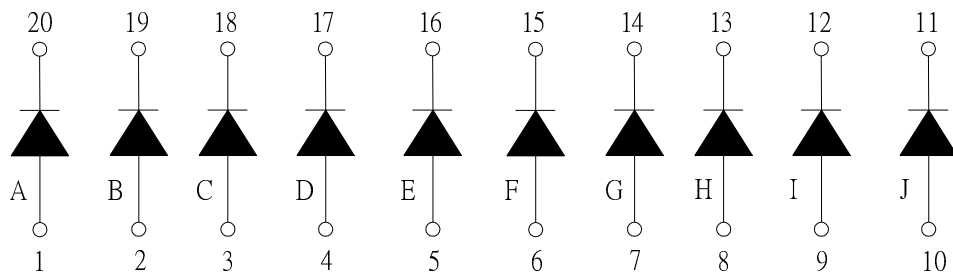
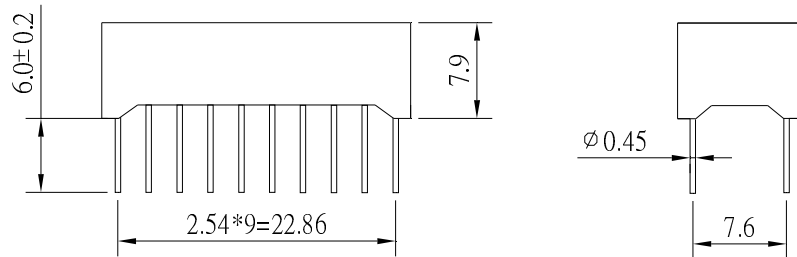
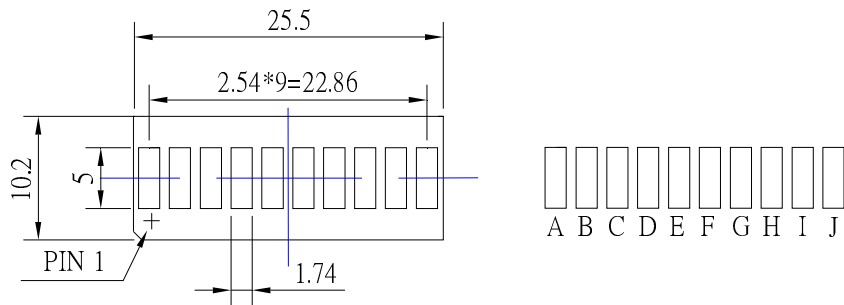
\*3 Tolerance of measurements of forward voltage is±0.1V

■ Package Dimensions and Pin Function

**OSX10201-X**

Note:

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



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