OptoSupply

Light It Up

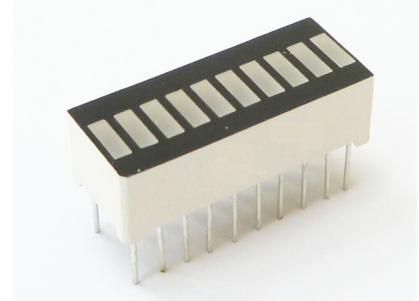## ■ Features

- 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		℃
Storage Temperature	Tstg	-40~ +85		℃
Lead Soldering Temperature(1.6mm from seating plane)	Tsol	260℃/5sec		℃

■ Absolute Maximum Rating (Ta=25℃)

*Pulse width Max.10ms   Duty ratio max 1/10

■ Electrical -Optical Characteristics (Ta=25℃)

Part Number	Color			V$_F$ (V)			I$_R$(μA)	Iv(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

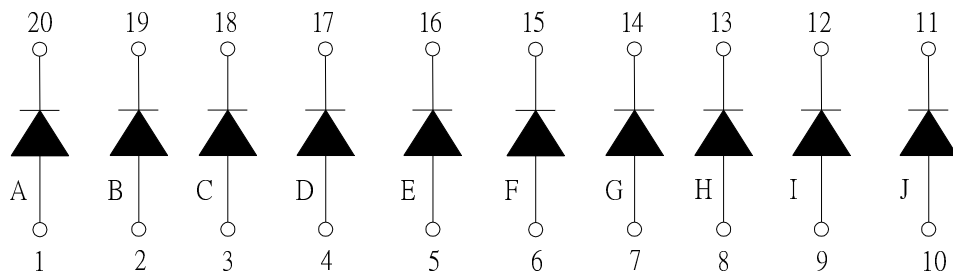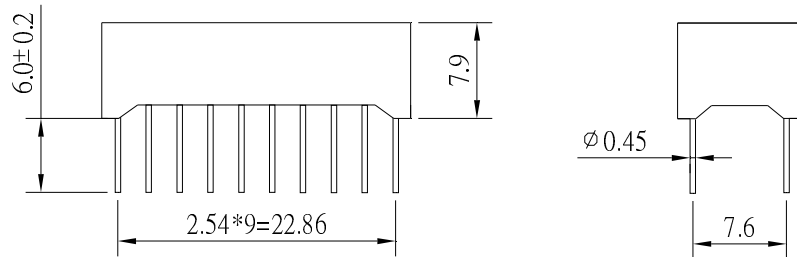***2 Tolerance of measurements of luminous intensity is±15％**
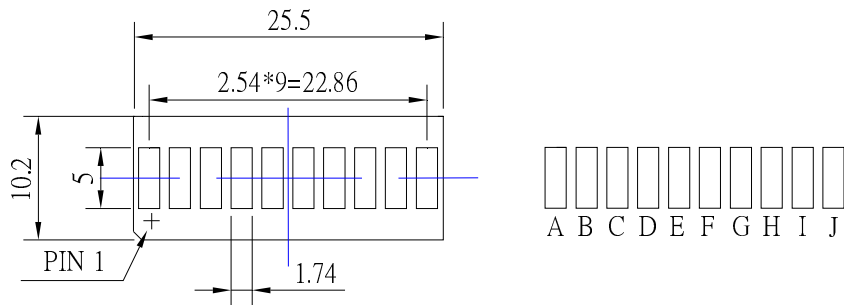
*3 Tolerance of measurements of forward voltage is±0.1V

LED & Application Technologies

■ 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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