

■ **Features**

- 0.2 inch multi-color display
- Long lifetime operation
- IC compatible
- Low power dissipation
- Black surface with white segment
- Number of pin: 20

■ **Applications**






- Indicating device
- Overflow indication

■ **Absolute Maximum Rating** (Ta=25°C)

Item	Symbol	Value		Unit
		R/G/Y	B/P	
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

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

■ **Electrical -Optical Characteristics** (Ta=25°C)

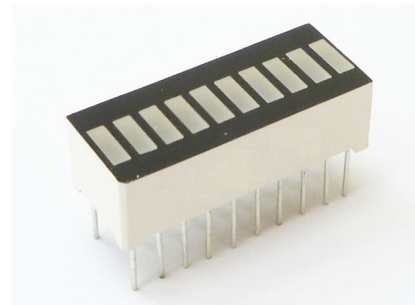
Part Number	Color			V <sub>F</sub> (V)*			I <sub>R</sub> (μA)	I <sub>v</sub> (mcd)*			λD(nm)*		
				Min.	Typ.	Max.	Max.	Min.	Typ.	Max.	Min.	Typ.	Max.
				I <sub>F</sub> =20mA			V <sub>R</sub> =5V		I <sub>F</sub> =20mA				
OSX10201-XXXX	Blue	B		-	3.3	3.6	20	-	50	-	-	465	-
	Pure Green	P		-	3.1	3.6	20	-	262	-	-	512	-
	Yellow Green	G		-	2.1	2.5	20	-	35	-	-	570	-
	Yellow	Y		-	2.1	2.5	20	-	35	-	-	587	-
	Red	R		-	2.1	2.5	20	-	35	-	-	632	-

\*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

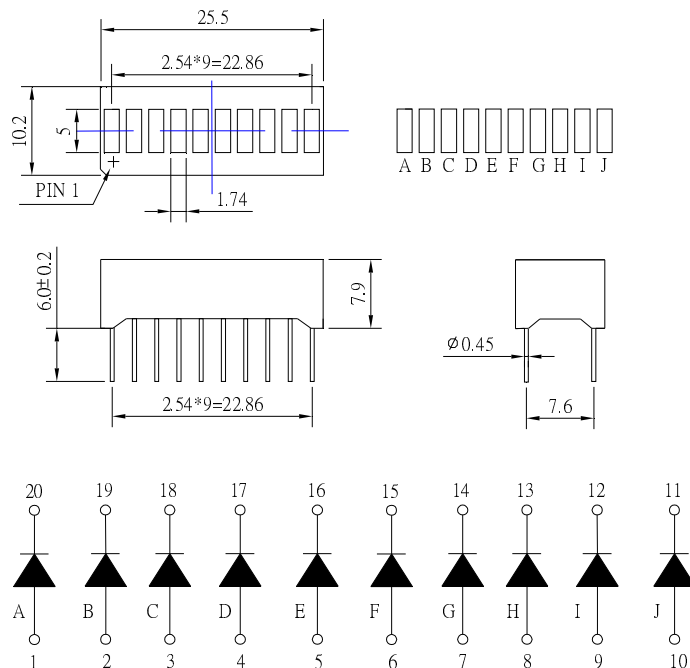
■ **Photo**



**■ Package Dimensions and Pin Function**

**OSX10201-XXXX**

Part No	Color	A/B/C/D	E/F/G	H/I/J
OSX10201-RGB1		Red	Yellow Green	Blue
OSX10201-RGY1		Red	Yellow Green	Yellow
OSX10201-RPB1		Red	Pure Green	Blue
OSX10201-YGR1		Yellow	Yellow Green	Red
OSX10201-RGG1		Red	Yellow Green	Yellow Green
OSX10201-GGR1		Yellow Green	Yellow Green	Red
Part No	Color	A/B/C/D/E	F/G/H	I/J
OSX10201-GYR1		Yellow Green	Yellow	Red
Part No	Color	A/B/C/D/E/F	G/H/I	J
OSX10201-GYR2		Yellow Green	Yellow	Red
Part No	Color	A/B	C/D/E	F/G/H /I/J
OSX10201-RYG1		Red	Yellow	Yellow Green
Part No	Color	A	B/C/D	E/F/G/H /I/J
OSX10201-RYP1		Red	Yellow	Pure Green
Part No	Color	A/ B	C	D/ E/F/G/H /I /J
OSX10201-PYR1		Pure Green	Yellow	Red



Note:

1, Unit : mm( Tolerance:±0.25mm unless otherwise noted)

2, The slope angle of any PIN may be±5.0° Max