



0.2 Inch Red + Pure Green + Blue Ten Digit Display

OSX10201-LRPB2

C1

■ Features

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

■ Applications

- Counting device
- Clock

■ Absolute Maximum Rating (Ta=25°C)

Item	Symbol	Value		Unit
		R	PG/B	
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	87.5	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 _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 =5mA			
OSX10201-LRPB2	Red	R		1.8	2.1	2.5	20	-	90	-	-	640	-
	Pure green	PG		2.9	3.2	3.5	20	-	260	-	-	527	-
	Blue	B		2.8	3.1	3.5	20	-	120	-	-	470	-

*1 Tolerance of dominant wavelength is±1nm

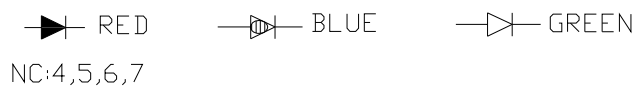
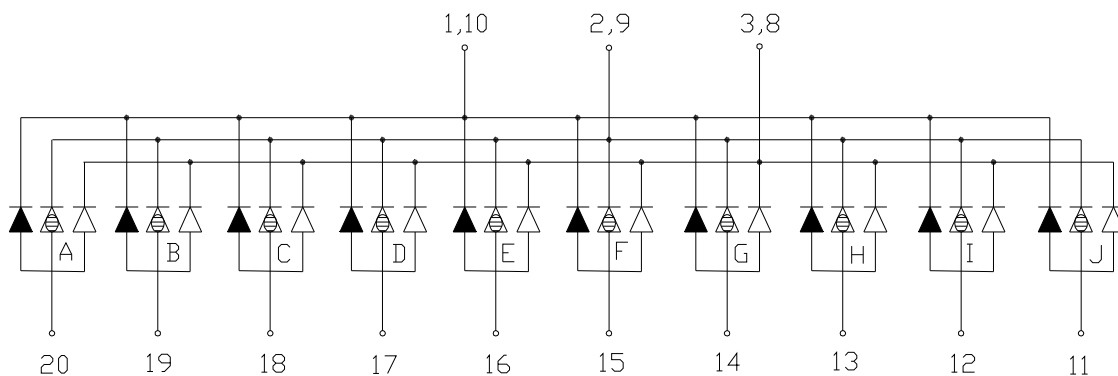
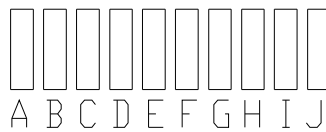
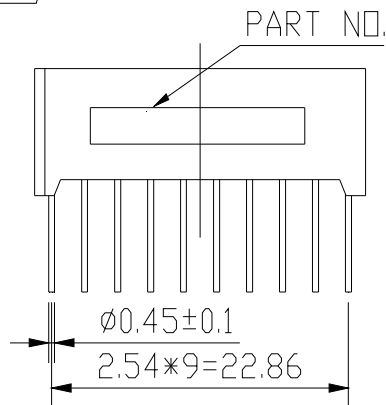
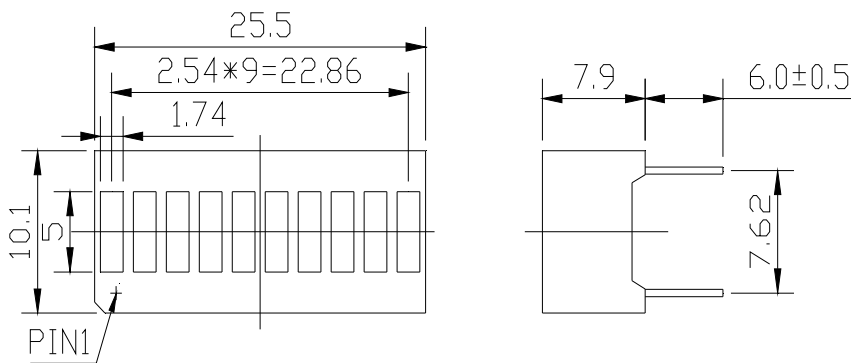
*2 Tolerance of luminous intensity is±15%



■ Package dimensions and pin function
OSX10201-LRPB2 (Common Cathode)

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


NC: 4, 5, 6, 7