

■ Features

- 1.0 Inch Single Digit Display
- Long lifetime operation
- IC compatible
- Low power dissipation
- Gray surface & white segment or dot
- Number of pins:10

■ Applications

- Counting device
- Clock

■ Absolute Maximum Rating (Ta=25°C)

Item	Symbol	Value		Unit
		W/B/PG	R/YG/Y	
DC Forward Current	I _F	25	25	mA
Pulse Forward Current#	I _{FP}	100	100	mA
Reverse Voltage/Per Segment or (Dp)	V _R	10(5)	10(5)	V
Power Dissipation/Per Segment or (Dp)	P _t	175(87.5)	125(62.5)	mW
Operating Temperature	T _{opr}	-30 ~ +70		°C
Storage Temperature	T _{stg}	-40 ~ +85		°C
Lead Soldering Temperature(1.6mm from seating lane)	T _{sol}	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)		
				Per Segment or (Dp)			Max.	Min.	Typ.	Max.	Min.	Typ.	Max.
				Min.	Typ.	Max.							
				I _F =20mA			V _R =10V V _R =5V(Dp)	I _F =20mA					
OSK11002-IW(LW)	White	W		5.8 (2.9)	6.2 (3.1)	7.0 (3.5)	20	-	65	-	X:0.27, Y:0.28		
OSK11002-IB(LB)	Blue	B	■	5.8 (2.9)	6.2 (3.1)	7.0 (3.5)	20	-	50	-	460	465	475
OSK11002-IG(LG)	Pure Green	G	■	5.8 (2.9)	6.2 (3.1)	7.0 (3.5)	20	-	270	-	515	525	530
OSK11002-IYG(LYG)	Yellow Green	YG	■	3.6 (1.8)	4.4 (2.2)	5.0 (2.5)	20	-	30	-	565	570	575
OSK11002-IO(LO)	Orange	O	■	3.8 (1.9)	4.4 (2.2)	5.0 (2.5)	20	-	70	-	600	605	610
OSK11002-IR(LR)	Red	R	■	3.8 (1.9)	4.4 (2.2)	5.0 (2.5)	20	-	40	-	625	630	640
OSK11002-IRA(LRA)	High Red	R	■	3.8 (1.9)	4.4 (2.2)	5.0 (2.5)	20	-	100	-	620	625	630

*1 Tolerance of measurements of chromaticity coordinates is ±10%

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

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

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

■ Package Dimensions and Pin Function

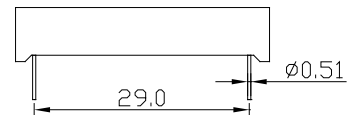
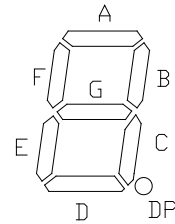
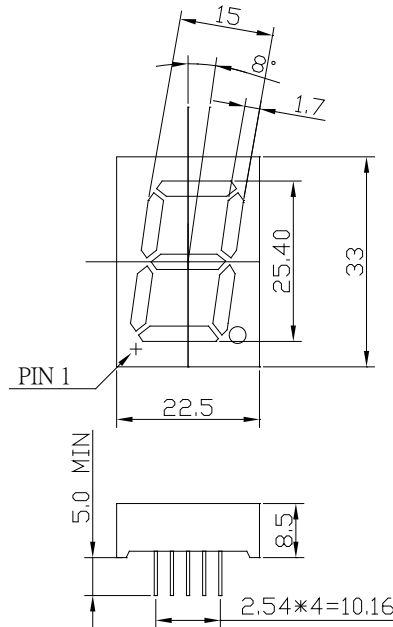
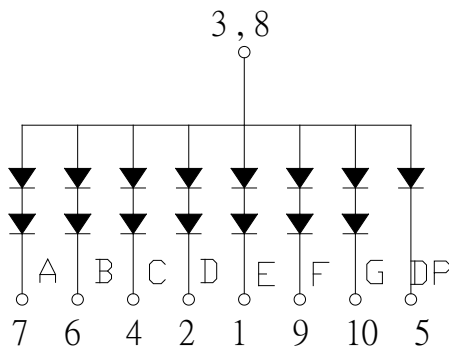
OSK11002-IX

(Common Anode type)

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



OSK11002-LX

(Common Cathode type)

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

