

2.3 Inch Red & Yellow Green Single Digit Display

OSK12302-IRYG (Common Anode type)

OSK12302-LRYG (Common Cathode type)

■ Features

- 2.3 inch dual color 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
		R/YG	
DC Forward Current	I _F	20	mA
Pulse Forward Current#	I _{FP}	100	mA
Reverse Voltage / Per Segment or (Dp)	V _R	20(10)	V
Power Dissipation / Per Segment or (Dp)	P _t	200(100)	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)		
				Per Segment or (Dp)									
				Min.	Typ.	Max.	Max.	Min.	Typ.	Max.	Min.	Typ.	Max.
				I _F =20mA			V _R =20/10V	I _F =10mA			I _F =20mA		
OSL12302-IRYG / LRYG	Yellow Green	YG		-	7.6 (3.8)	10 (5)	10	-	220	-	565	570	575
	Red	R		-	7.6 (3.8)	10 (5)	10	-	220	-	630	640	650

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

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

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

■ Package Dimensions and Pin Function

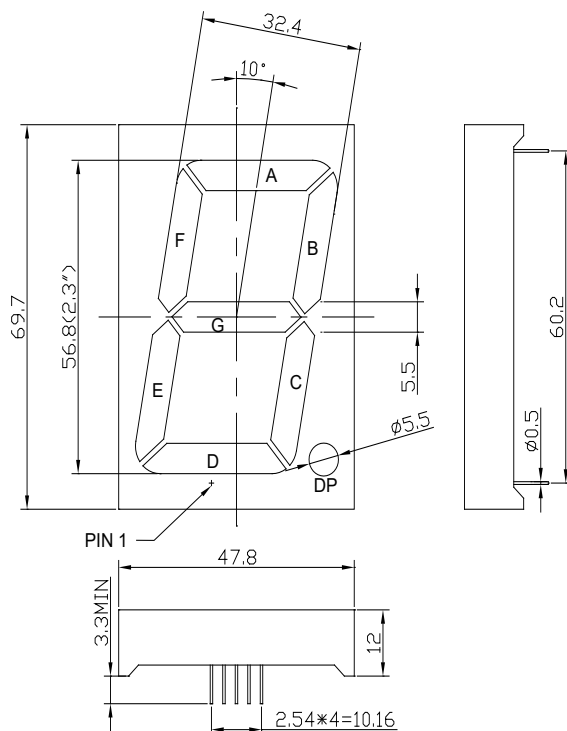
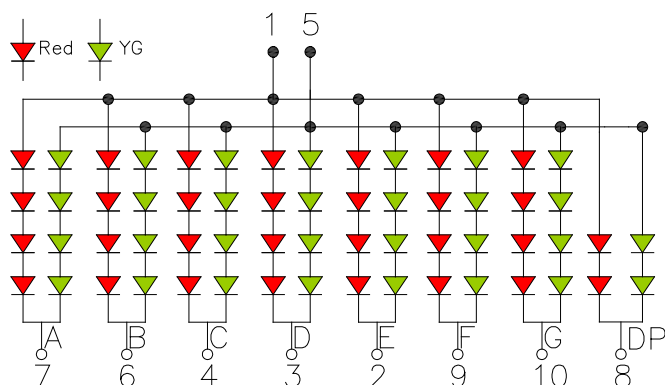
OSK12302-IRYG

(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



OSK12302-LRYG

(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

