

## ■ Features

- 0.56 Inch Two Digit Display
- Long lifetime operation
- IC compatible
- Low power dissipation

## ■ Applications

- Counting device
- Clock

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







## ■ Photo



Item	Symbol	Value		Unit
		RA/R/YG/Y	B/G/W	
DC Forward Current	I <sub>F</sub>	20	20	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>	44	66	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					
OSL20561-IW /LW	White	W		-	3.3	4.0	20	-	65	-	X=0.27,Y=0.28		
OSL20561-IB /LB	Blue	B		-	3.3	4.0	20	-	50	-	-	470	-
OSL20561-IG /LG	Pure Green	G		-	3.3	4.0	20	-	200	-	-	525	-
OSL20561-IYG /LYG	Yellow green	YG		-	2.2	2.6	20	-	12	-	-	571	-
OSL20561-IY /LY	Yellow	Y		-	2.1	2.5	20	-	60	-	-	590	-
OSL20561-IR /LR	Red	R		-	2.1	2.5	20	-	20	-	-	630	-
OSL20561-IRA /LRA	High Red	RA		-	2.1	2.5	20	-	100	-	-	625	-

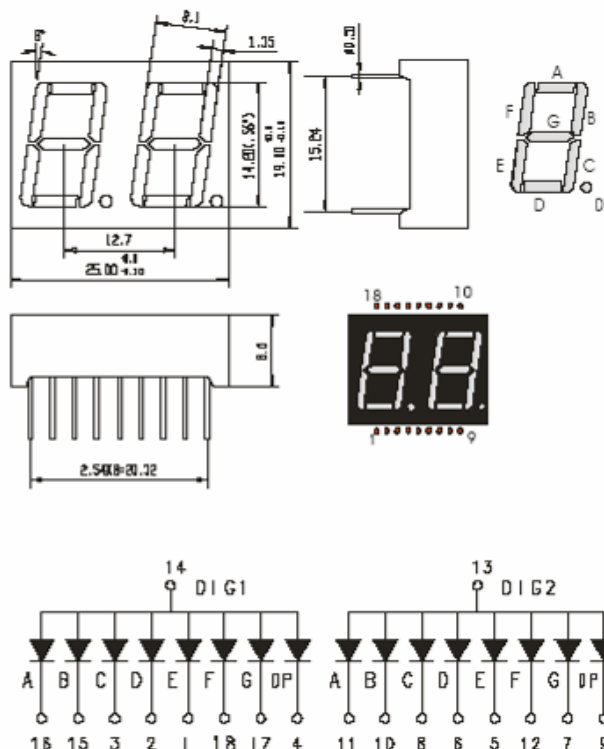
\*1 Tolerance of dominant wavelength is ±1nm

\*2 Tolerance of luminous intensity is ±15%

**■ Package dimensions and pin function**
**OSL20561-IX**
**(Common Anode type)**

Note:

- 1, Unit : mm (Tolerance:  $\pm 0.25$ mm unless otherwise noted)
- 2, The slope angle of any PIN may be  $\pm 5.0^\circ$  Max


**OSL20561-LX**
**(Common Cathode type)**

Note:

- 1, Unit : mm (Tolerance:  $\pm 0.25$ mm unless otherwise noted)
- 2, The slope angle of any PIN may be  $\pm 5.0^\circ$  Max

