

**■ Features**

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

**■ Applications**

- Counting device
- Clock

**■ Absolute Maximum Rating (Ta=25 )**
**■ Photo**


Item	Symbol	Value		Unit
		RA/R/YG/Y	B/G	
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		
Storage Temperature	Tstg	-40~ +85		
Lead Soldering Temperature(1.6mm from seating plane)	Tsol	260 /5sec		

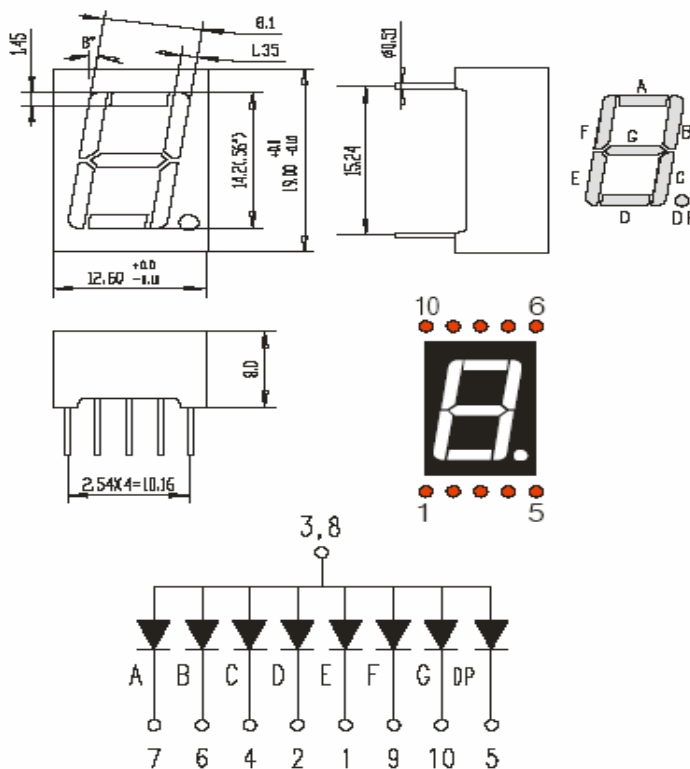
\*Pulse width Max.10ms Duty ratio max 1/10

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

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					
OSL10561-IW(LW)	White	W	-	3.3	4.0	20	-	65	-	X=0.30 Y=0.34		
OSL10561-IB(LB)	Blue	B	-	3.3	4.0	20	-	50	-	-	470	-
OSL10561-IG(LG)	Pure Green	G	-	3.3	4.0	20	-	200	-	-	525	-
OSL10561-IYG(LYG)	Yellow green	YG	-	2.2	2.6	20	-	12	-	-	571	-
OSL10561-IY(LY)	Yellow	Y	-	2.1	2.5	20	-	60	-	-	590	-
OSL10561-IR(LR)	Red	R	-	2.1	2.5	20	-	20	-	-	630	-
OSL10561-IRA(LRA)	high luminance Red	RA	-	2.1	2.5	20	-	100	-	-	625	-

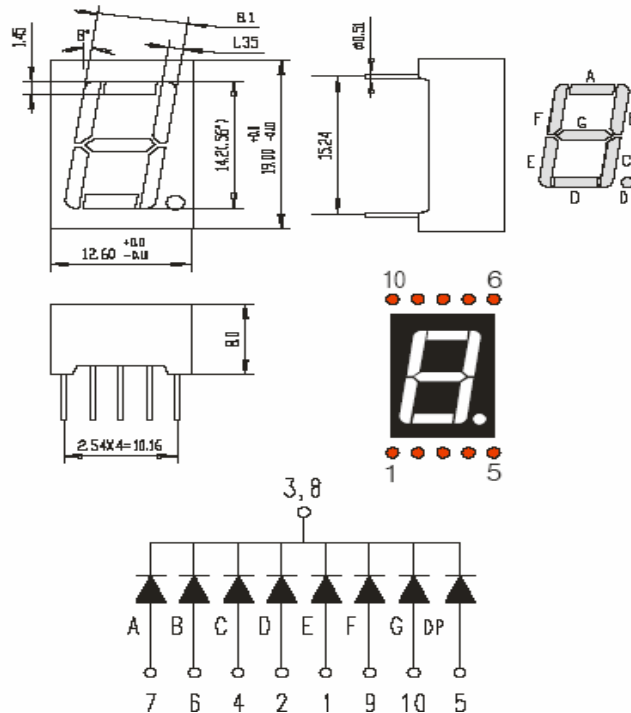
\*1 Tolerance of dominant wavelength is±1nm

\*2 Tolerance of luminous intensity is±15%

**■ Package dimensions and pin function**
**OSL10561-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

**OSL10561-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