

0.56 Inch Three Digit Display
OSL30561-IX (Common Anode type)
OSL30561-LX (Common Cathode type)

■ **Features**

- 0.56 Inch Three Digit Display
- Long lifetime operation
- IC compatible
- Low power dissipation
- Number of pins: 12

■ **Applications**

- Counting device
- Clock

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

Item	Symbol	Value		Unit
		RA/R/YG/Y	B/G/W	
DC Forward Current	I _F	20	20	mA
Pulse Forward Current#	I _{FP}	100	100	mA
Reverse Voltage	V _R	5	5	V
Power Dissipation	P _t	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 _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 =20mA				
OSL30561-IW(LW)	White	W	2.8	3.3	4.0	10	-	65	-	CCT:8500-14000K		
OSL30561-IB(LB)	Blue	B	2.8	3.3	4.0	10	-	50	-	465	470	475
OSL30561-IG(LG)	Pure Green	G	2.8	3.3	4.0	10	-	200	-	515	525	530
OSL30561-IYG(LYG)	Yellow Green	YG	1.8	2.2	2.6	10	-	12	-	565	571	575
OSL30561-IY(LY)	Yellow	Y	1.8	2.1	2.5	10	-	60	-	585	590	595
OSL30561-IR(LR)	Red	R	1.8	2.1	2.5	10	-	26	-	625	630	640
OSL30561-IRA(LRA)	High Luminance Red	RA	1.8	2.1	2.5	10	-	100	-	620	625	630

*1 Tolerance of measurements of chromaticity coordinate 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

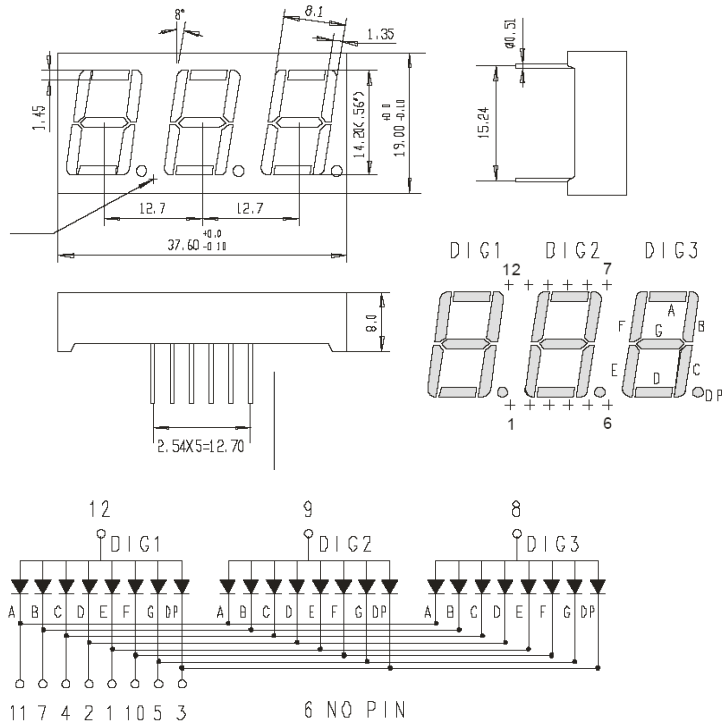
■ **Photo**



■ Package Dimensions and Pin Function

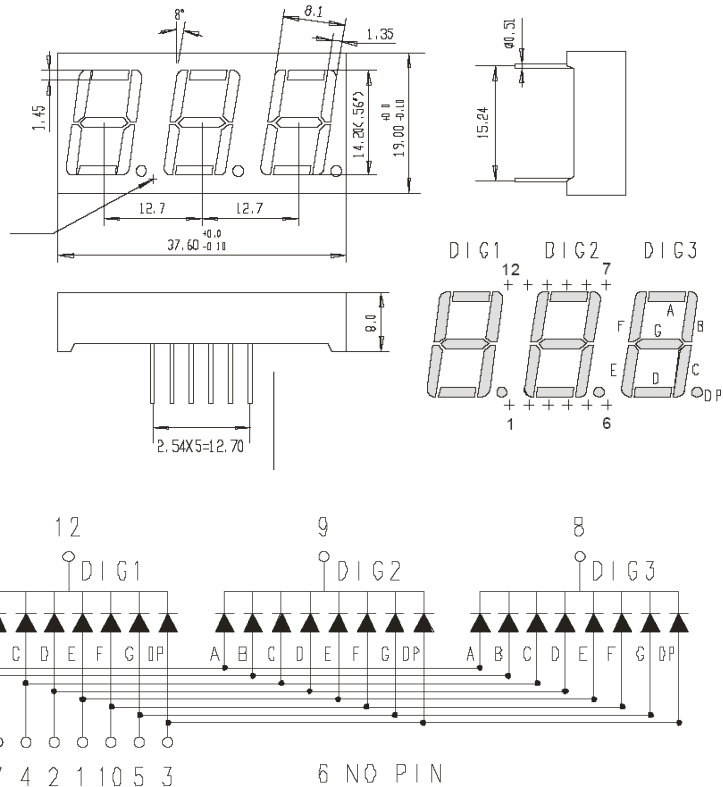
**OSL30561-IX
(Common Anode type)**

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



**OSL30561-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



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