

**0.56 Inch Four Digit Display****57-0194 Common Anode type****57-0193 Common Cathode type****■ Features**

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

**■ Applications**

- Counting device
- Clock

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

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		
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 °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					
OSL40562-IW(LW)	White	W		-	3.3	4.0	20	-	65	-	X=0.27,Y=0.28		
OSL40562-IB(LB)	Blue	B		-	3.3	4.0	20	-	50	-	-	470	-
OSL40562-IG(LG)	Pure Green	G		-	3.3	4.0	20	-	200	-	-	525	-
OSL40562-IYG(LYG)	Yellow green	YG		-	2.2	2.6	20	-	12	-	-	571	-
OSL40562-IY(LY)	Yellow	Y		-	2.1	2.5	20	-	60	-	-	590	-
OSL40562-IR(LR)	Red	R		-	2.1	2.5	20	-	20	-	-	630	-
OSL40562-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%

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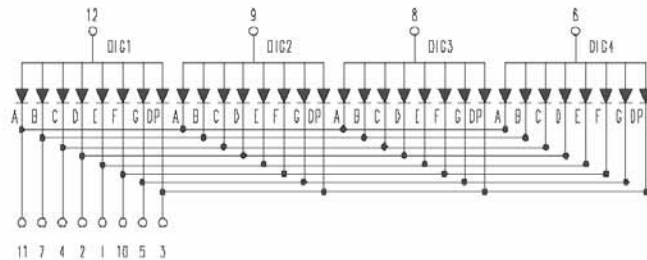
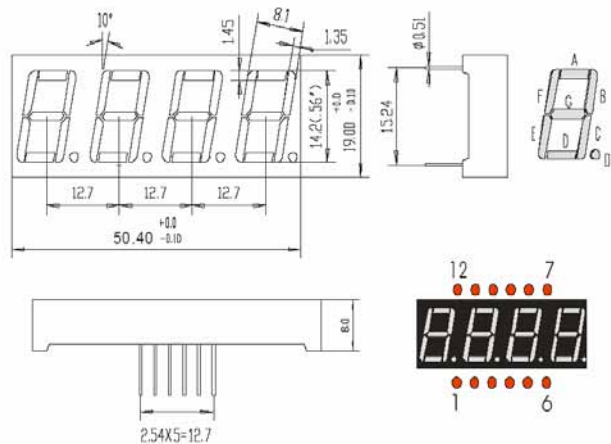
### ■ Package dimensions and pin function

#### OSL40562-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



#### OSL40562-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

