

■ **Features**

- 0.56 Inch Four Digit Display
- Long lifetime operation
- IC compatible
- Low power dissipation
- Black surface & white segment or dot

■ **Applications**

- Counting device
- Clock

Item	Symbol	Value		Unit
		Red	Green	
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

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

#Pulse width Max.10ms Duty ratio max 1/10

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

Item	Symbol	Condition	Min.	Typ.	Max.	Unit
DC Forward Voltage*1	V _F (Red)	I _F =20mA	-	2.1	2.6	V
	V _F (PG)	I _F =5mA	-	2.8	3.6	V
DC Reverse Current	I _R	V _R =5V	-	-	10	μA
Domi. Wavelength*2	λ _D (Red)	I _F =20mA	620	625	630	nm
	λ _D (PG)	I _F =5mA	520	528	535	nm
Luminous Intensity*3	I _v (Red)	I _F =20mA	-	40	-	mcd
	I _v (PG)	I _F =5mA	-	40	-	mcd

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

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

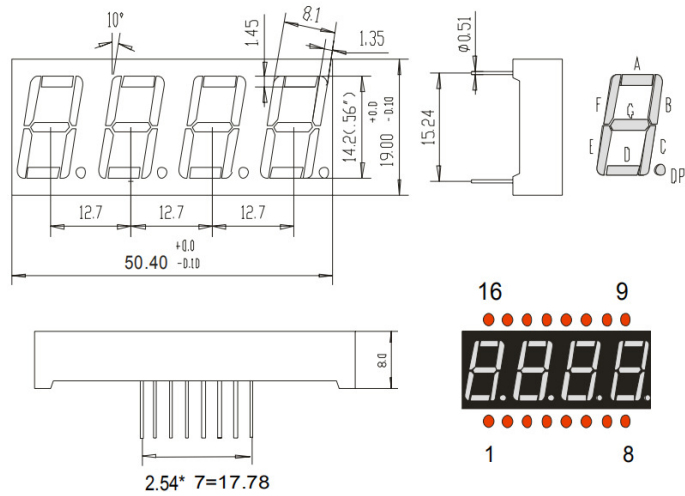
*3 Tolerance of measurements of luminous intensity is ±15%

■ Package Dimensions and Pin Function

**OSL40567-IRG
(Common Anode type)**

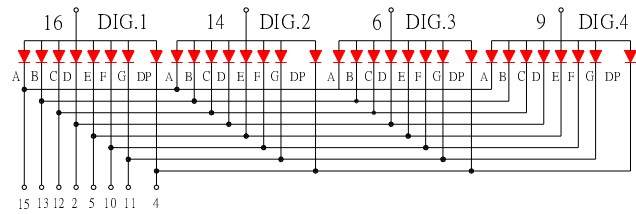
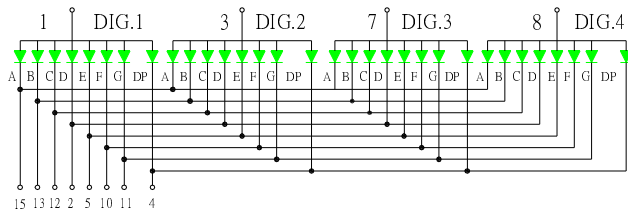
Note:

- 1, Unit : mm(Tolerance:±0.25mm unless otherwise noted)
- 2, The slope angle of any PIN may be±5.0°Max



Green

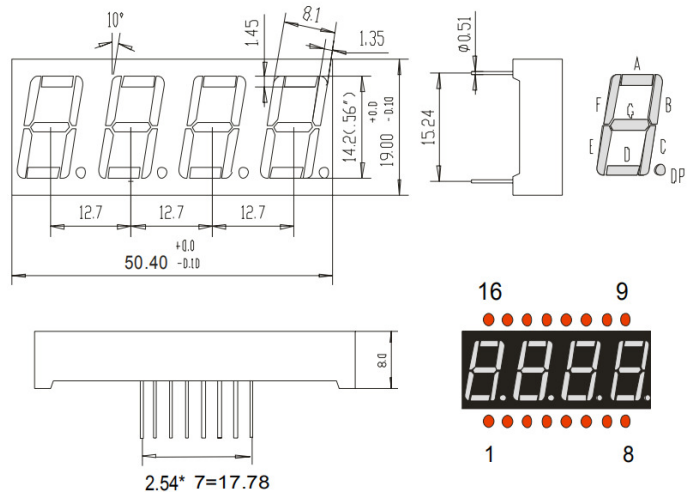
Red



**OSL40567-LRG
(Common Cathode type)**

Note:

- 1, Unit : mm(Tolerance:±0.25mm unless otherwise noted)
- 2, The slope angle of any PIN may be±5.0°Max



Green

Red

