



0.56"FOUR DIGIT DISPLAY

OSL40562-IR

Common Anode type

■ Features

- High luminous LEDs
- Long lifetime operation
- IC compatible
- Low power dissipation
- Black surface & white segment or dot

■ Applications

- Counting device
- Clock

■ Absolute Maximum Rating (Ta=25°C)

Item	Symbol	Value	Unit
DC Forward Current	I _F	20	mA
Pulse Forward Current*	I _{FP}	100	mA
Reverse Voltage	V _R	5	V
Power Dissipation	P _D	72	mW
Operating Temperature	T _{opr}	-30 ~ +85	°C
Storage Temperature	T _{stg}	-40~ +100	°C
Lead Soldering Temperature(1.6mm from seating plane)	T _{sol}	260°C/5sec	°C

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

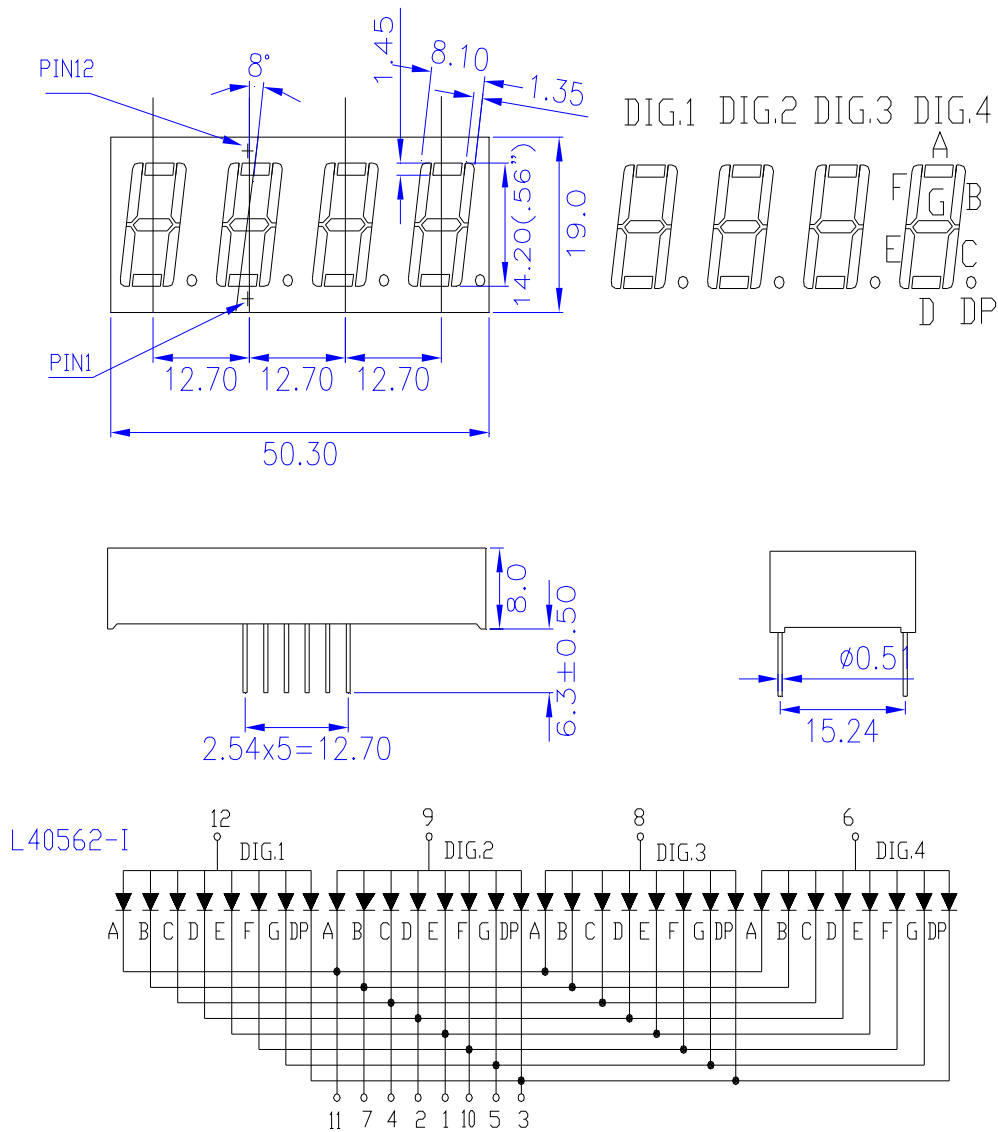
■ Electrical -Optical Characteristics (Ta=25°C)

Item	Symbol	Condition	Min.	Typ.	Max.	Unit
DC Forward Voltage	V _F	I _F =20mA	1.8	2.0	2.3	V
DC Reverse Current	I _R	V _R =5V	-	-	10	μA
Wavelength characteristics*	λ _D	I _F =20mA	635	640	645	nm
Luminous Intensity*	I _v	I _F =20mA	-	30	-	mcd

*1 Tolerance of dominant wavelength is ±1nm

*2 Tolerance of luminous intensity is ±15%

■ Package dimensions and pin function



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