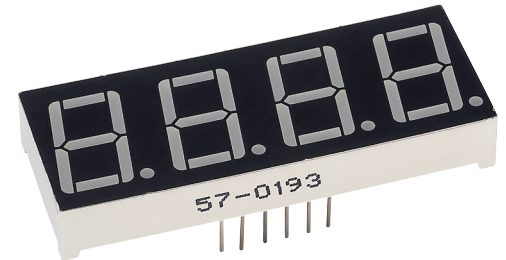


Features:

- 0.56 Inch four digit display
- Long lifetime operation
- IC compatible
- Low power dissipation
- Common cathode configuration



Applications

- Counting device
- Clock

Absolute maximum rating

Item	Symbol	Value		Unit
		RA/R/YG/Y	B/G	
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	T_{opr}	-30 to +70		°C
Storage temperature	T_{stg}	-40 to +85		°C
Lead soldering temperature (1.6mm from seating plane)	T_{sol}	260°C/5sec		-

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

Electrical – Optical characteristics

Order code Common cathode	MPN	Colour		V_F (V)			I_R (μ A)	I_V (mcd)			λ_D (nm)		
				Min.	Typ.	Max.	Max.	Min.	Typ.	Max.	Min.	Typ.	Max.
				$I_F=20mA$			$I_R=5V$	$I_F=20mA$					
57-0193	OSL40562-LRA	High Red	RA	-	2.1	2.5	20	-	100	-	-	625	-

*1 Tolerance of measurements of dominant wavelength is +1nm

*2 Tolerance of measurements of luminous intensity is +15%

*3 Tolerance of measurements of forward voltage is 0.1V

*4 Tolerance of measurements of chromaticity coordinate is +10%

■ Package dimensions and pin function:

OSL40562-LX (Common Cathode type)

Note:

- 1: Unit: mm (tolerance $\pm 0.25\text{mm}$ unless otherwise noted)
- 2: The slope angle of any PIN may be ± 5.0 max.

