

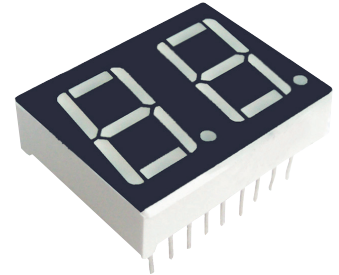
OSL20561-IX (Common Anode type)
OSL20561-LX (Common Cathode type)

Features:

- 0.56 Inch tow digit display
- Long lifetime operation
- IC compatible
- Low power dissipation

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 anode	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.
					$I_F=20mA$			$I_{R=5V}$	$I_F=20mA$					
57-0148		OSL20561-IR/LR	Red	R	-	2.1	2.5	20	-	20	-	-	630	-
57-0151	57-0149	OSL20561-IRA/LRA	High Red	RA	-	2.1	2.5	20	-	100	-	-	625	-

* Tolerance of dominant wavelength is 1nm
† Tolerance of luminous intensity is 15%

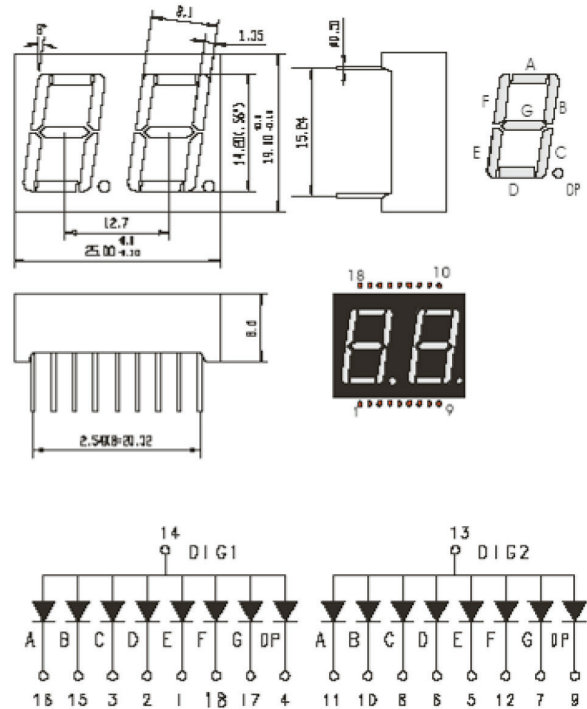
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Package dimensions and pin function:

OSL20561-IX (Common Anode type)

Note:

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



OSL20561-LX (Common Cathode type)

Note:

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

