

■ Features

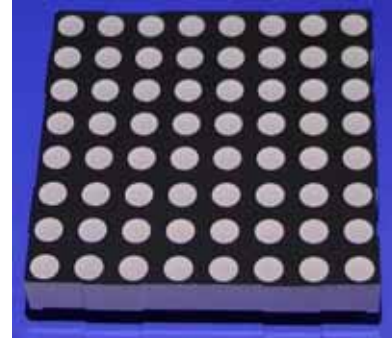
- 2.37 Inch Sixty-Four Dot Matrix
- Long lifetime operation
- IC compatible
- Low power dissipation

■ Applications

- Counting device
- Clock

■ Absolute Maximum Rating (Ta=25)

Photo:



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 _t	62.5	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)

Part Number	Color		V _F (V)			I _R (μA)	I _v (mcd)			λD(nm)		
			Min.	Typ.	Max.	Max.	Min.	Typ.	Max.	Min.	Typ.	Max.
			I _F =20mA			V _R =5V	I _F =20mA					
OSL642372-A/BRGB	Red	R	-	2.1	2.6	20	80	100	-	620	625	630
	Pure green	G	-	3.1	3.6	20	200	260	-	515	520	530
	Blue	B	-	3.1	3.6	20	80	90	-	465	470	475

*1 Tolerance of dominant wavelength is±1nm

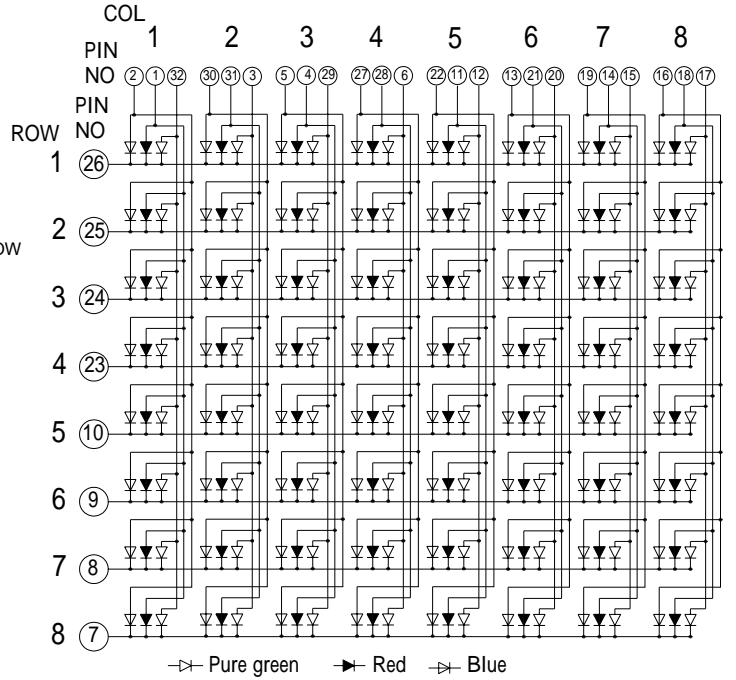
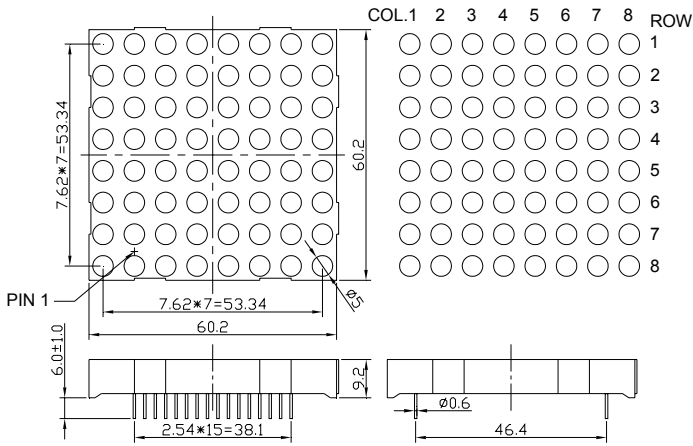
*2 Tolerance of luminous intensity is±15%

Package dimensions and pin function

OSL642372-ARGB

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



OSL642372-BRGB

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

