

■ **Features**

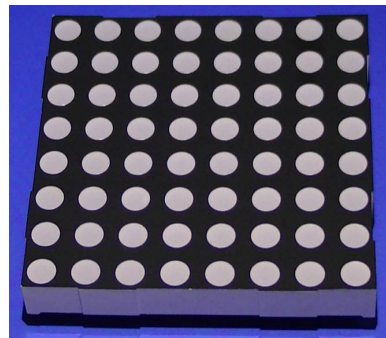
- 2.37 Inch Sixty-Four Dot Matrix
- Long lifetime operation
- IC compatible
- Low power dissipation

■ **Applications**

- Counting device
- Clock

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

Photo:



Item	Symbol	Value			Unit
		R	G	B	
DC Forward Current	I _F	15	10	10	mA
Pulse Forward Current*	I _{FP}	100	100	100	mA
Reverse Voltage	V _R	5	5	5	V
Power Dissipation	P _t	39	36	36	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

*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 (R)	I _F =14mA	1.8	2.0	2.6	V
	V _F (G)	I _F =7mA	2.7	2.9	3.4	V
	V _F (B)	I _F =4mA	2.7	2.9	3.4	V
DC Reverse Current	I _R	V _R =5V	-	-	20	μA
Domi. Wavelength*	λ _D (Red)	I _F =14mA	620	625	630	nm
	λ _D (Green)	I _F =7mA	515	520	530	nm
	λ _D (Blue)	I _F =4mA	465	470	475	nm
Luminous Intensity*	I _v (Red)	I _F =14mA	-	70	-	mcd
	I _v (Green)	I _F =7mA	-	90	-	mcd
	I _v (Blue)	I _F =4mA	-	18	-	mcd

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

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

*3 Tolerance of measurements of chromaticity coordinate is ±10%

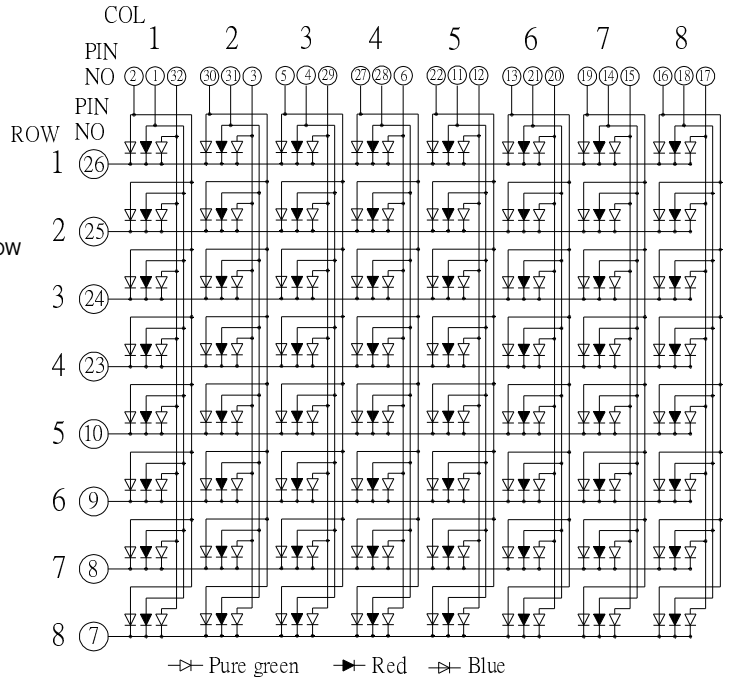
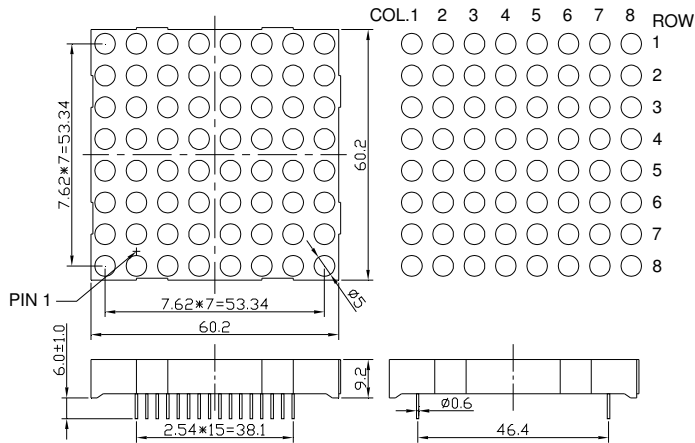
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■ Package Dimensions and Pin Function

OSL642372-ARGB

Note:

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



OSL642372-BRGB

Note:

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

