

■ **Features**

- 1.57 Inch 16x16 Dot Matrix
- Long lifetime operation
- IC compatible
- Low power dissipation
- Black face
- Number of pins:32

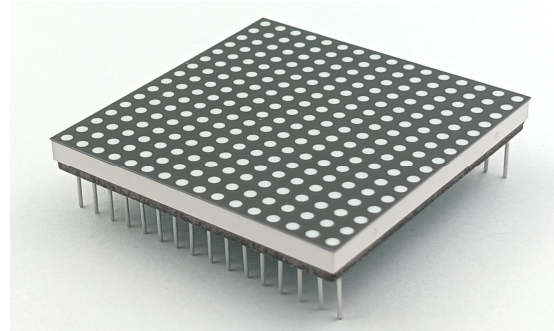
■ **Applications**

- Counting device
- Alphabet display

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

Item	Symbol	Value		Unit
		YG/Y/RA	W/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	50	68	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

■ **Picture**



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

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

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					
OSLB56157-AW/BW	White	W	-	2.9	3.4	20	-	100	-	CCT:8500-18000K		
OSLB56157-AB/BB	Blue	B	-	2.9	3.4	20	-	50	-	460	470	475
OSLB56157-AG/BG	Pure Green	G	-	2.9	3.4	20	-	200	-	515	525	530
OSLB56157-AYG/BYG	Yellow Green	YG	-	2.1	2.5	20	-	12	-	560	570	575
OSLB56157-AY/BY	Yellow	Y	-	2.1	2.5	20	-	60	-	585	590	595
OSLB56157-ARA/BRA	High Luminance Red	RA	-	2.1	2.5	20	-	100	-	620	625	630

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

*2 Tolerance of measurements of dominant wavelength is ±1nm

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

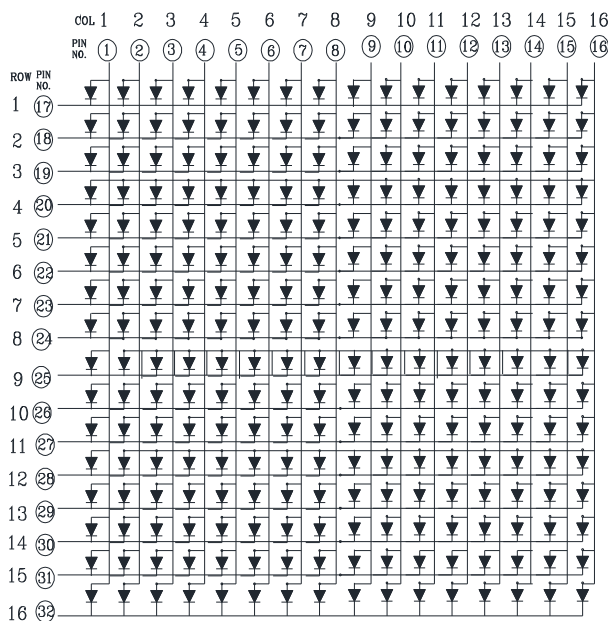
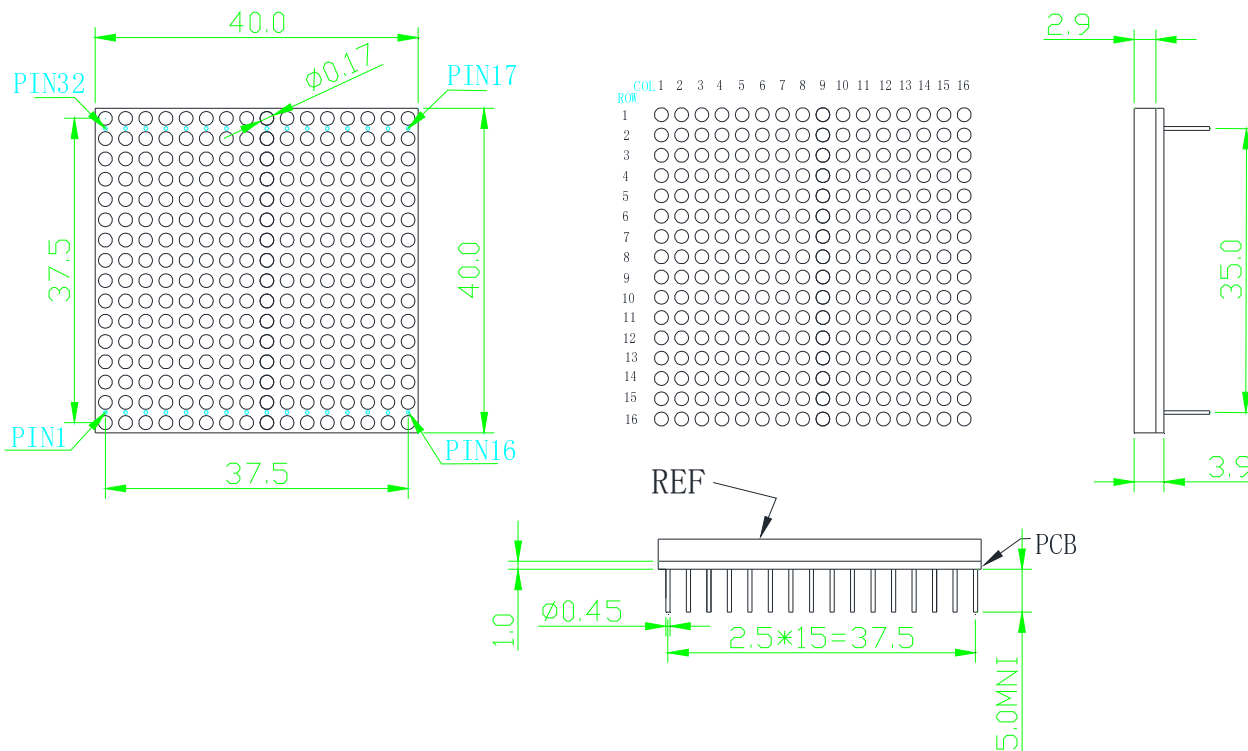
*4 Tolerance of measurements of forward voltage is ±0.1V

■ Package Dimensions and Pin Function

OSLB56157-AXX

Note:

Unit : mm(Tolerance:±0.25mm unless otherwise noted)



Package Dimensions and Pin Function

OSLB56157-BXX

Note:

Unit : mm (Tolerance:±0.25mm unless otherwise noted)

