

■ **Features**

- 3.17 Inch 16x16 Dot Matrix
- Long lifetime operation
- IC compatible
- Low power dissipation
- Black face & white dot

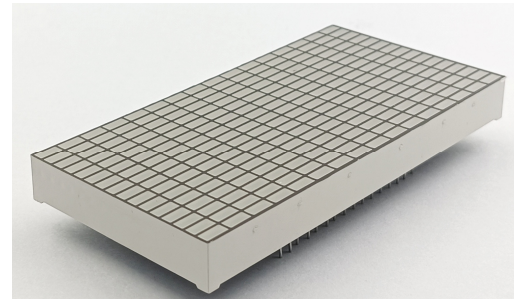
■ **Applications**

- Counting device
- Alphabet display

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

Item	Symbol	Value		Unit
		YG/Y/RA	W/B/G/C4/C5	
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	T _{opr}	-30 ~ +70		°C
Storage Temperature	T _{stg}	-40~ +85		°C
Lead Soldering Temperature(1.6mm from seating plane)	T _{sol}	260°C/5sec		°C

■ **Pictures**



#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)			λ _D (nm)		
			Min.	Typ.	Max.	Max.	Min.	Typ.	Max.	Min.	Typ.	Max.
			I _F =20mA			V _R =5V	I _F =20mA					
OSLB56317-AW	White	W	-	2.9	3.4	20	-	100	-	CCT:8500-18000K		
OSLB56317-AB	Blue	B	■	2.9	3.4	20	-	50	-	460	470	475
OSLB56317-AG	Pure Green	G	■	2.9	3.4	20	-	200	-	515	525	530
OSLB56317-AYG	Yellow Green	YG	■	2.1	2.5	20	-	12	-	560	570	575
OSLB56317-AY	Yellow	Y	■	2.1	2.5	20	-	60	-	585	590	595
OSLB56317-ARA	High Luminance Red	RA	■	2.1	2.5	20	-	100	-	620	625	630
OSLB56317-AC4	Aqua	C4	■	2.9	3.4	20	-	120	-	X:0.25 Y:0.37		
OSLB56317-AC5	Mint	C5	■	2.9	3.4	20	-	150	-	X:0.29 Y:0.49		

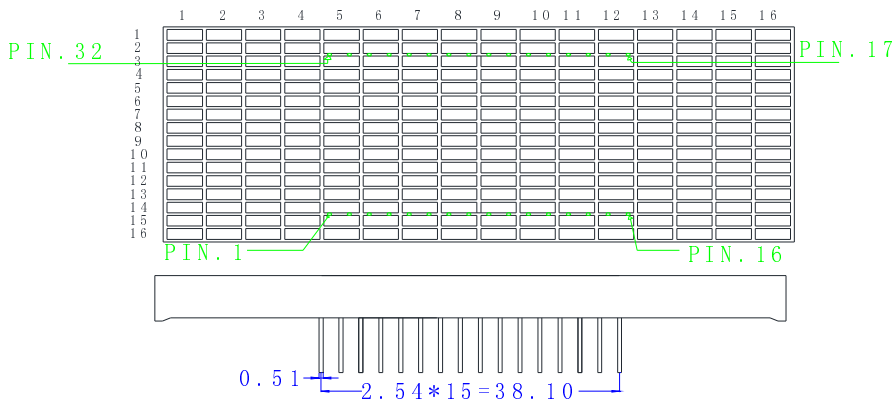
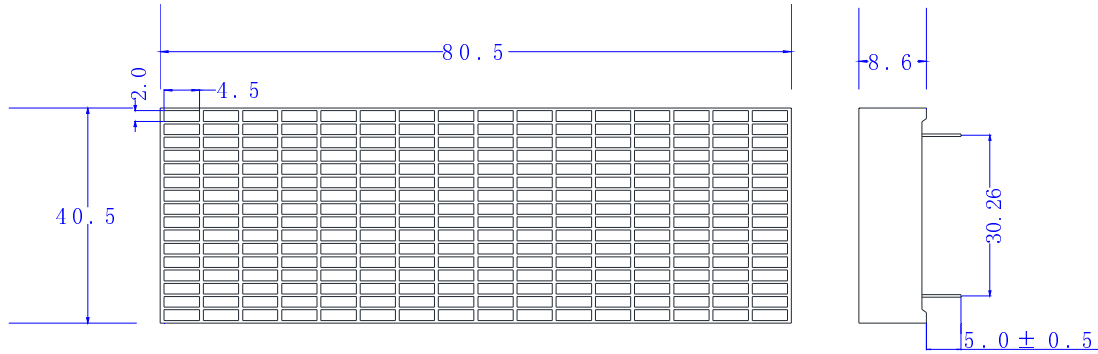
*1 Tolerance of measurements of dominant wavelength is±1nm

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

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

■ Package Dimensions and Pin Function

OSLB56317-XX



COL	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
ROW	PIN NO. 1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
	PIN NO. 17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32
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Note:

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