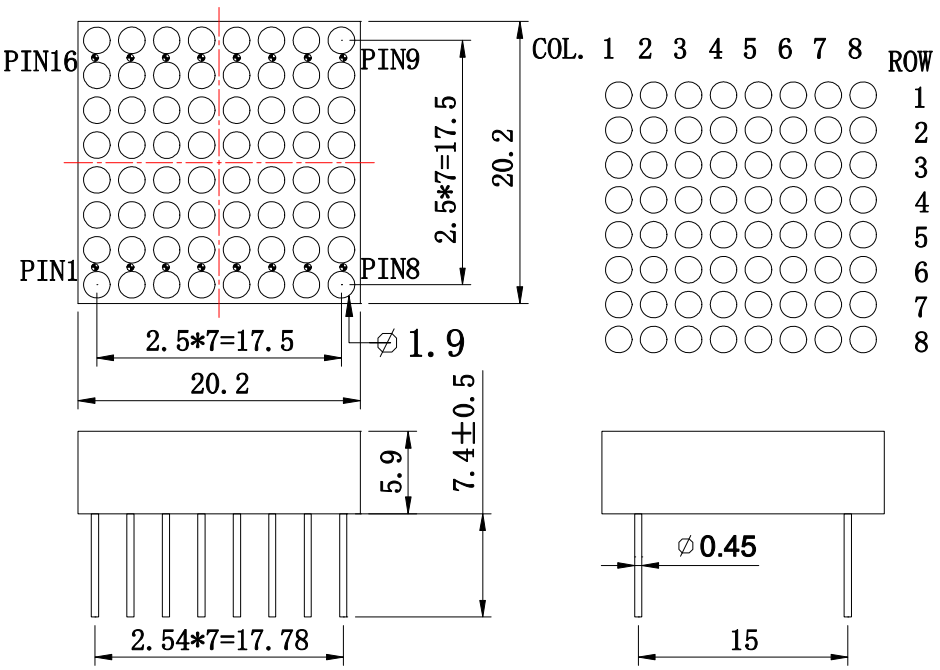
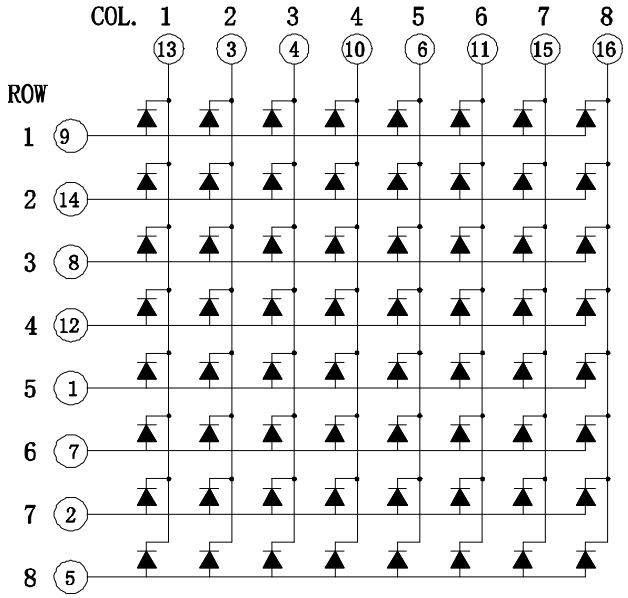
■Outer Dimension:



Notes: Unless otherwise stated, The tolerance is ±0.25mm.

■Circuit Diagram :



■PIN CONNECTION

PIN NO.	CONNECTION	PIN NO.	CONNECTION	PIN NO.	CONNECTION
1	Anode Row 5	7	Anode Row 6	13	Cathode Col 1
2	Anode Row 7	8	Anode Row 3	14	Anode Row 2
3	Cathode Col 2	9	Anode Row 1	15	Cathode Col 7
4	Cathode Col 3	10	Cathode Col 4	16	Cathode Col 8
5	Anode Row 8	11	Cathode Col 6		
6	Cathode Col 5	12	Anode Row 4		

■Features:

- High Reliability
- Yellow-Green Color Dot Matrix

- **Low Power Requirement**
- **Flat Package and Light Weight**
- **Easy Assembly**

■Description:

- **8X8 Dot Matrix**
- **ϕ 1.9mm Dot and Pitch 2.5mm**
- **Black Face and Diffuser Epoxy Dots**

■Absolute Maximum Rating (Ta=25℃):

Parameter	Symbol	Condition	Color	Rating	Units
Maximal Power Dissipation (When completely Lighting) Per Dot	P_d	—	Yellow-Green	50	mW
Maximal Forward Current (When completely Lighting) Per Dot	I_F	—	Yellow-Green	20	mA
Derating Of If Per Dot	$\triangle I_F$	Ta≧25℃	Yellow-Green	0.30	mA/℃
Peak Forward Current Per Dot		1/10Duty 10khz	Yellow-Green	100	mA
Reverse Voltage Per Dot	V_R	—	Yellow-Green	50	V
Operating Temperature Range	Topr	—	—	-35～+85	℃
Storage Temperature Range	Tstg	—	—	-35～+85	℃

■ Electrical/Optical Characteristics Rating(Ta=25℃)

Item	Symbol	Test Conditions	Location	Color	Rating			Units
					Min.	Typ.	Max.	
Forward Voltage	V_F	I_F=20mA	Per Dot	Yellow-Green	1.8	2.2	2.6	V
Reverse Current	I_R	V_R=5V	Per Dot	Yellow-Green	—	—	100	μA
Luminous Intensity	I_v	1/5Duty	Per Dot	Yellow-Green	—	5	—	mcd
Wave Length	λ_D	I_F=20mA	Per Dot	Yellow-Green	567	571	576	nnm
Spectral Line Half Width	$\triangle\lambda$	I_F=20mA	Per Dot	Yellow-Green	—	30	—	nm
Luminous Intensity Matching Ratio(Dot to Dot)	I_{v-m}	1/5Duty I_{FP}=50mA	—	—	—	—	2:1	

■ Pb, Cd, Hg, Cr+6, PBBs, PBDEs 6 Substances Complies To RoHS Standard.

■Soldering Conditions: Soldering Temp. ≦+260℃,Soldering Time. ≦3sec.

(at 2mm Distance from The Case of Reflector Edge)