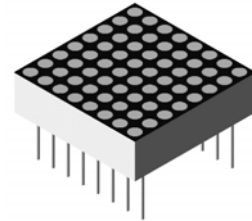


0.7" 8x8 Dot Matrix Display

VM 963AB

Main Features:

- ⊙ Low power consumption
- ⊙ High efficiency chips material
- ⊙ Excellent character appearance
- ⊙ Long life solid state reliability
- ⊙ 1.9mm dot size with black color surface,
- ⊙ Column cathode connection circuit.
- ⊙ AllnGaP dice technology




Applications

- Industry equipment
- Instruments panels
- Counter equipment



Electronic Optical Characteristics (at 20mA):

Part Number	Emitted Color	λ (nm)		Surface Color	Iv(mcd)		VF(V)	
		λ d	λ p		Min.	Typ.	Typ.	Max.
VM 963AB	Yellow 	589	591	Black	15	30	2.0	2.4

Absolute Maximum Ratings (at Ta=25°C)

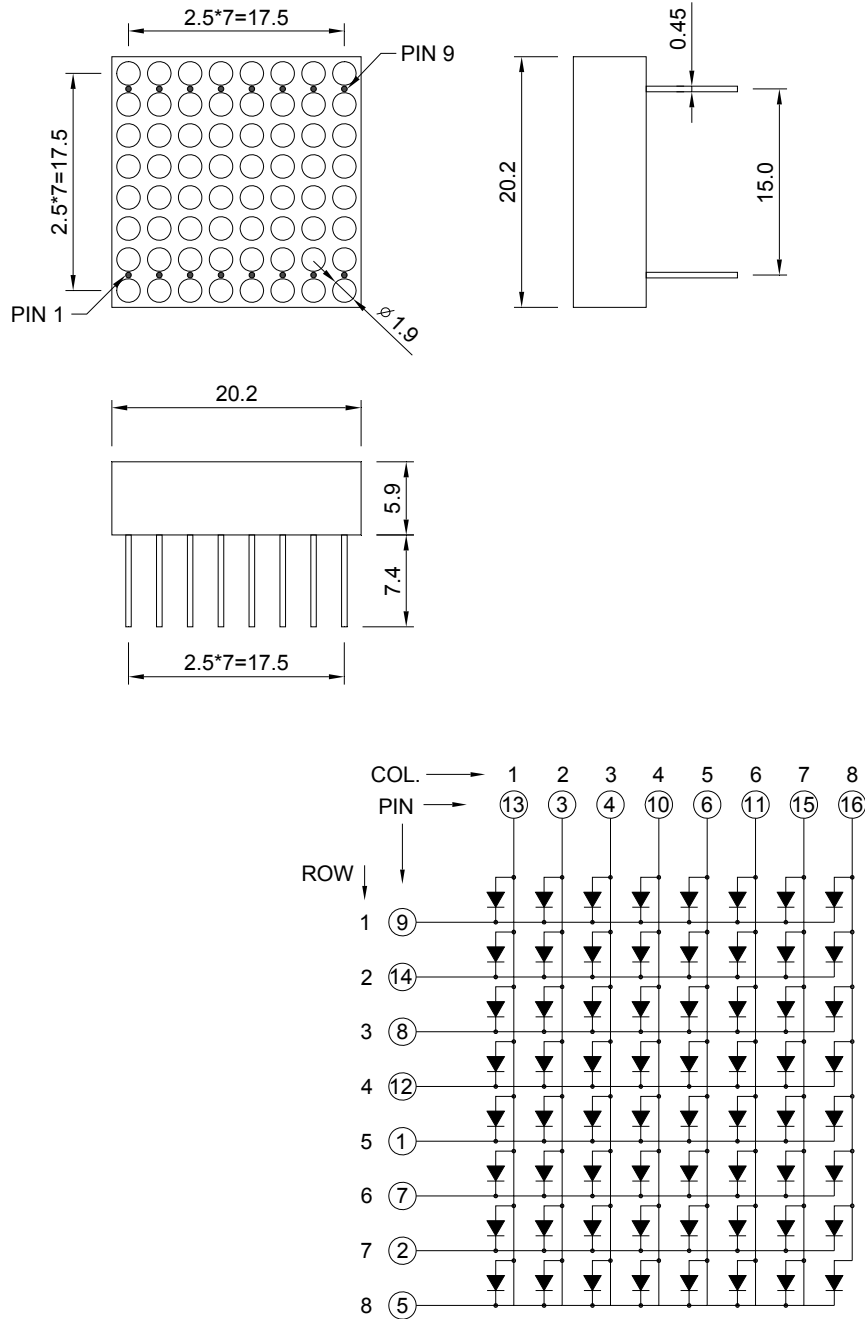
P _D (mW)	I _F (mA)	I _{FP} (mA)	T _{sol} . (°C)	I _R (μ A)@V _R =5V	T _{opr} (°C)	T _{stg} (°C)
60	25	100	260+/-5 5sec	10	-40~+85	-40~+90

Note: Please take note the Absolute Maximum Rating values. Any operation beyond the specified ratings in this table will result degradation of LED life-span and may cause LED to fail.

* I_{FP}: Peak Forward Current under 1/10 duty, 1KHz condition

Package Dimension:

unit : mm



Notes:

1. All dimensions are millimeters.
2. Dimensional tolerance is +/- 0.2mm unless otherwise specified.
3. Specifications are subject to change without notice.