

## 1. Description

- 1.8mm Pixel 16x16 Blue, Dot-Matrix Display
- These display provide excellent reliability , with low power dissipation and long life-span
- Display face colour and sides are black for good ON/OFF contrast
- Film based diffuser
- Multiplex drive: C.A. Row or C.C. Row.

## 2. Application

Dot-Matrix Information Displays

## 3. Absolute Maximum Ratings (T<sub>A</sub>=25°C)

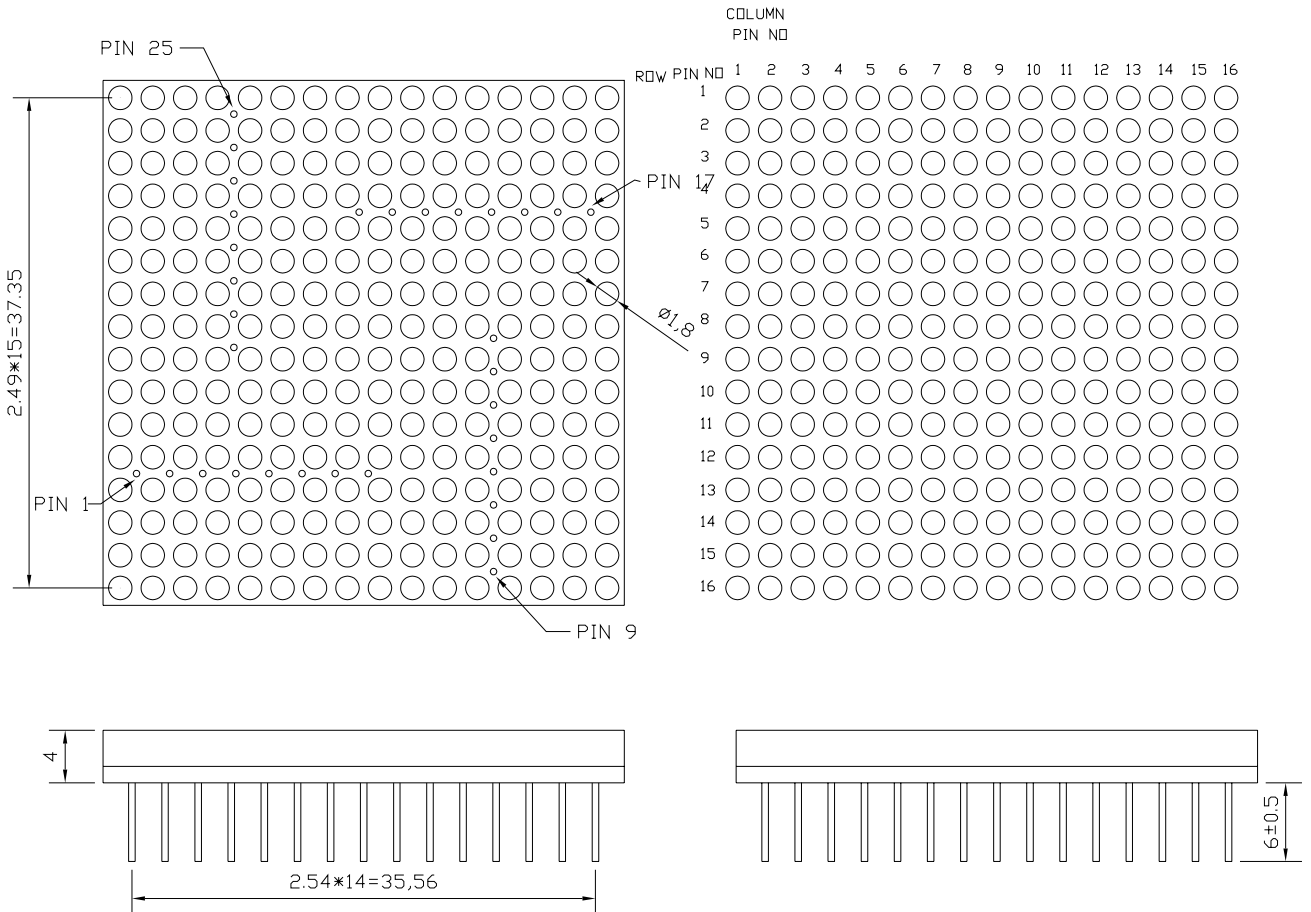
Items	Minimum value	Maximum value	Unit
DC forward current IF/Seg		20	mA
Reverse voltage VR/Seg		5	V
Operating temperature TOPR	-20	+75	°C
Storage temperature TSTG	-25	+85	°C
Peak pulse current IFM/Seg		60	mA

**Note:** Condition for IFP is pulse of 1/10 duty cycle and 0.1msec width, electrostatic protective use, soldering within 2-3 seconds in dry and well-ventilated area

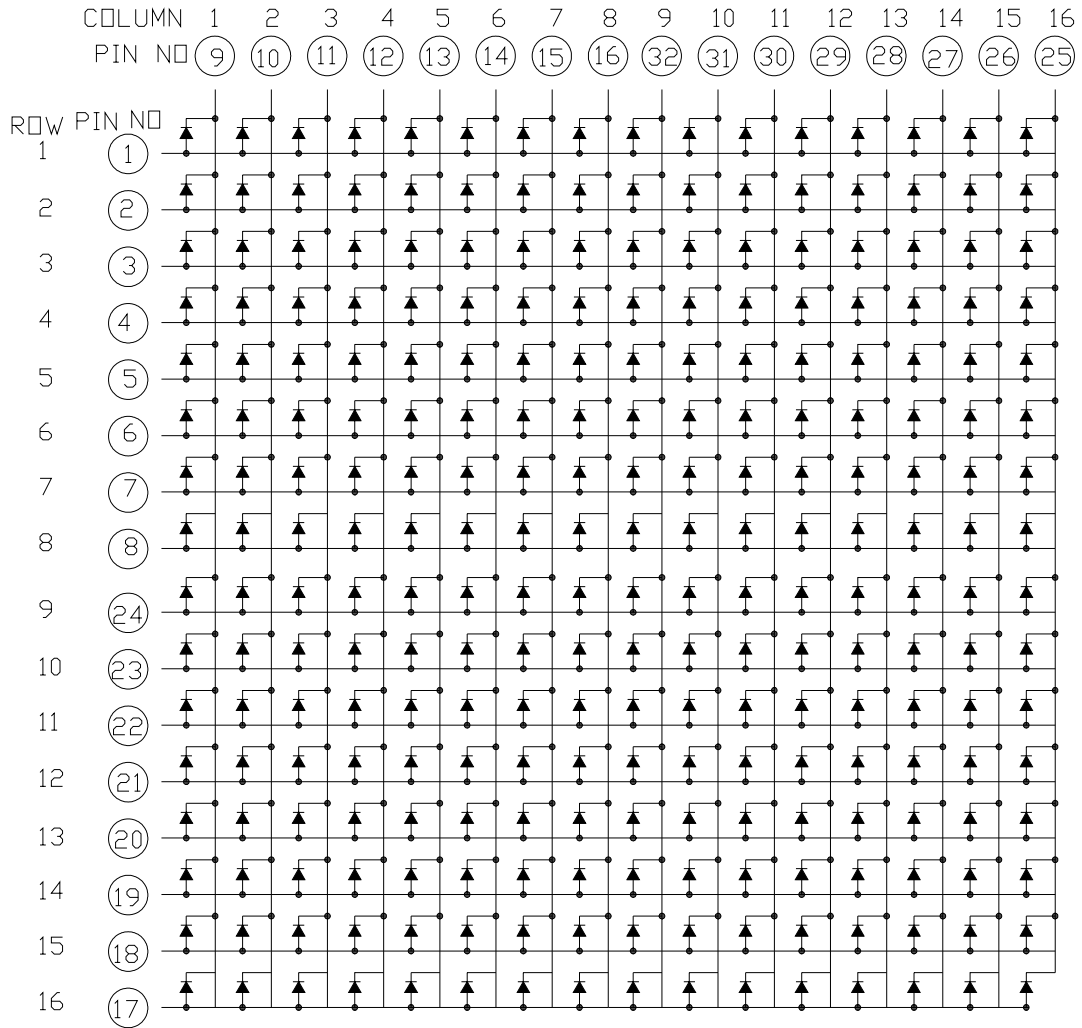
## 4. Typical Electrical & Optical Characteristics (T<sub>A</sub>=25°C)

Items	Condition	Unit	Minimum value	Typ	Maximum value
Forward Voltage V <sub>F</sub> /Seg	IF=20mA	V	3.2	-	3.5
Reverse current I <sub>r</sub> /Seg	VR=5V	uA		20	
Peak wavelength λ <sub>p</sub>	IF=10mA	nm	460	-	465
Half-width Δλ	IF=20mA			15	
Luminous intensity I <sub>v</sub> /seg	IF=10mA	mcd	4.7	-	6.0

5.Outline Dimension:



Circuit Diagram:



Unmarked tolerance :  $\pm 0.25$

Specifications may be subject to change for improvement without notice

Unit : mm