



# YETDA INDUSTRY LTD.

## 1.5" 16\*16 RED DOT MATRIX DISPLAY

### M-1516162AUF11-JY

#### DESCRIPTION

- \*1.5" (38.1mm) Inch Matrix Height.
- \* Super Bright Red Dot Matrix.
- \* Black Face and White Dot Color.
- \* Row Common Anode.

#### ABSOLUT MAXIMUM RATINGS AT Ta=25°C

Parameter		UNIT
Power Dissipation Per Dot	40	mW
Peak Forward Current Per Dot	120	mA
Forward current Per Dot (Static)	30	mA
Reverse Voltage Per Dot	5	V
Operation Temperature Range	-25°C TO +80°C	°C
Storage Temperature Range	-25°C TO +100°C	°C
Lead Soldering Temperature	260°C for 3 seconds 1.6mm(1/16 inch) from body	

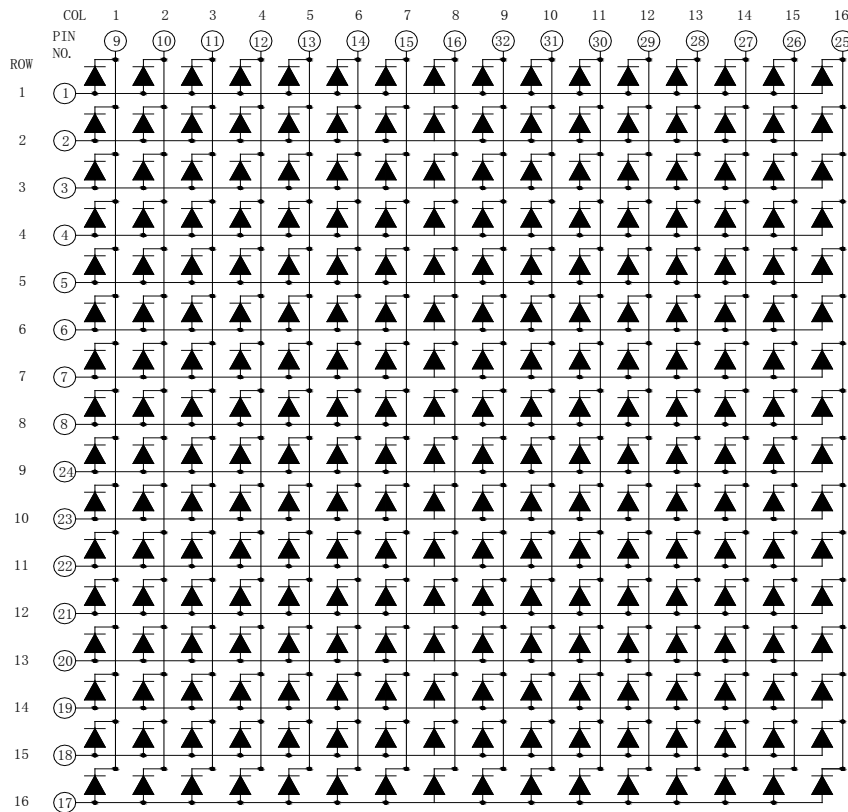
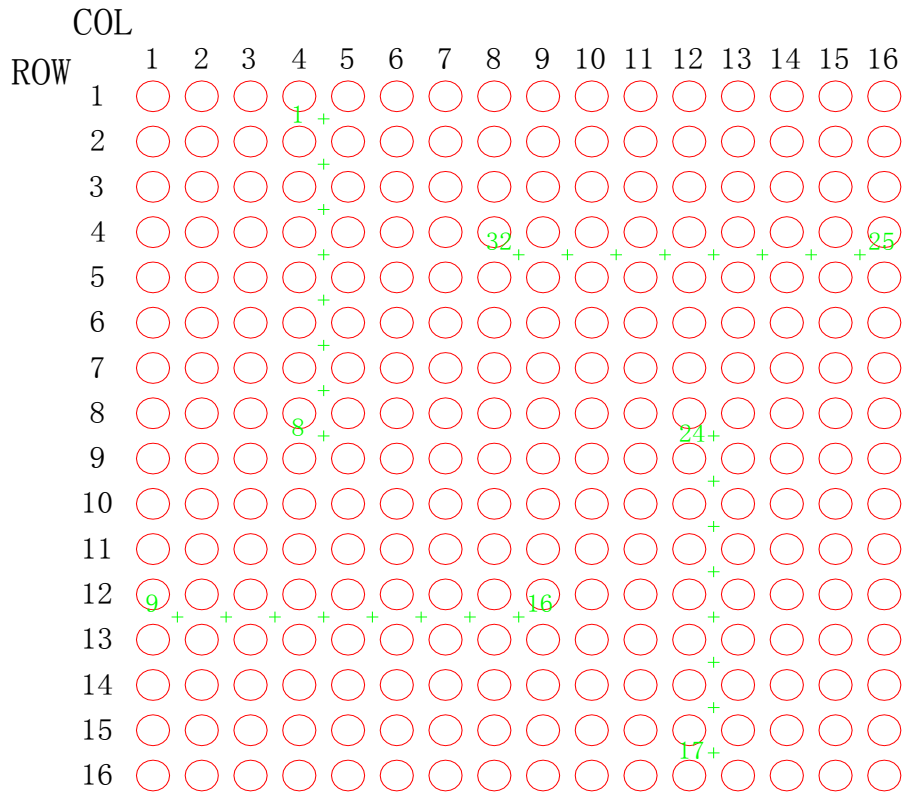
#### ELECTRICAL/OPTOTICAL CHARACTERISTIC AT Ta=25°C

PARAMETER	SYMBOL	MIN.	TYP.	MAX.	UNIT	CONDITION
Average Luminous Intensity	Iv	50	60		mcd	If=20mA
Peak Emission Wavelength	$\lambda d$		625		nm	If=20mA
Forward Voltage Per Dot	Vf		2.0	2.4	V	If=20mA
Reverse Current Per Dot	Ir			10	uA	Vr=5V
Luminous Intensity Matching Ratio	Iv-m		2 : 1			If=20mA



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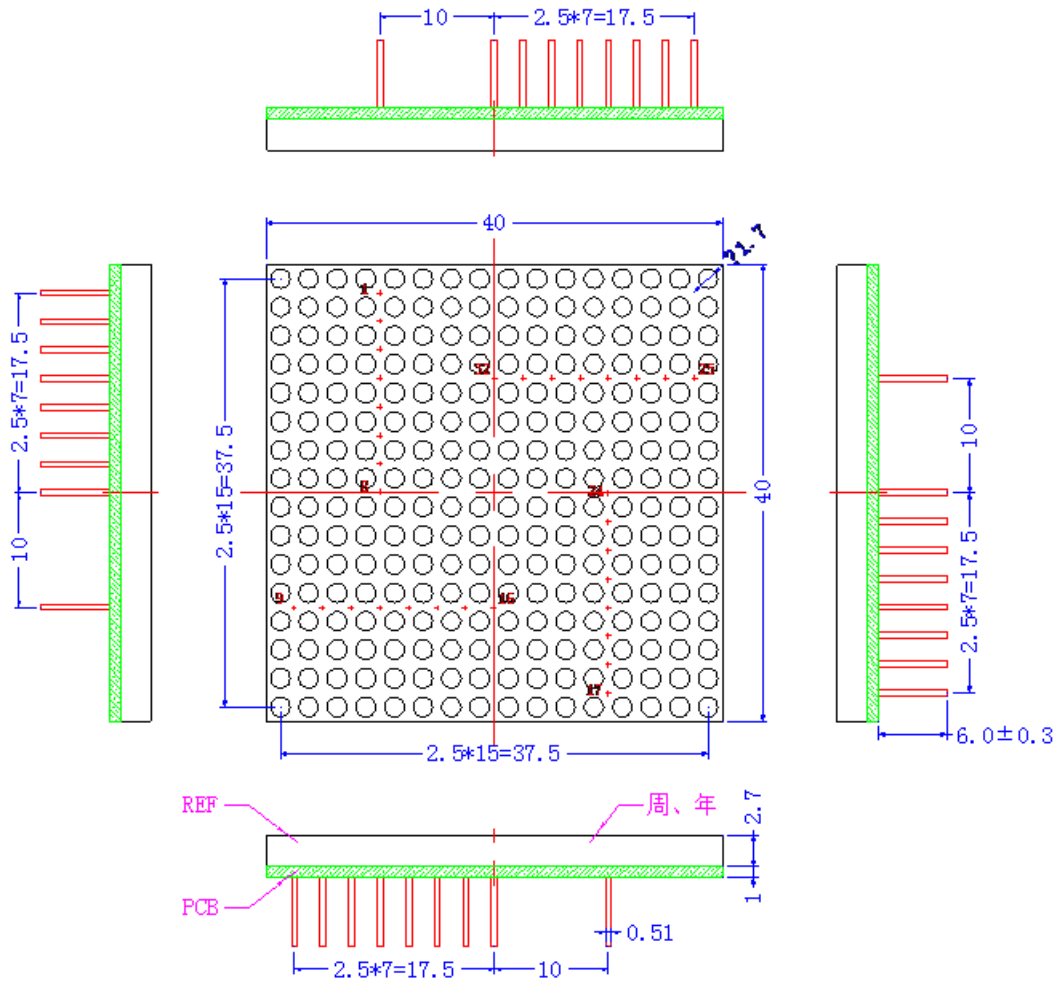
## P.C.B. Pin Connection





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## Reflector Dimensions



Unit:mm