



YETDA INDUSTRY LTD.

1.5" 16*16 RED DOT MATRIX DISPLAY

M-1516162AUF21-JY

DESCRIPTION

- *1.5" (38.1mm) Inch Matrix Height.
- * Super Bright Red Dot Matrix.
- * Grey 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	

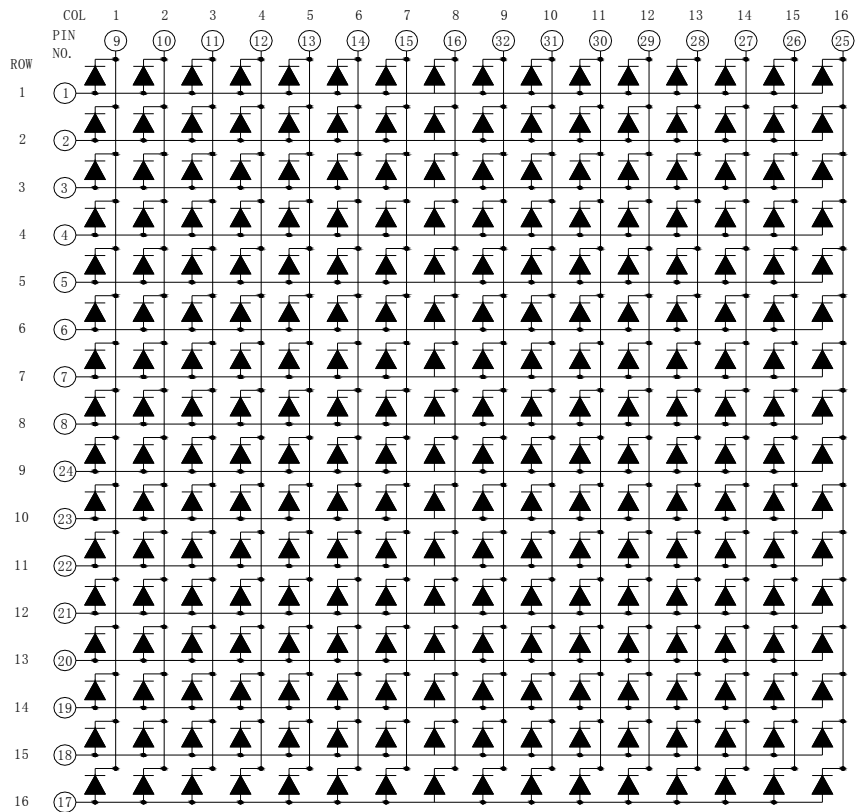
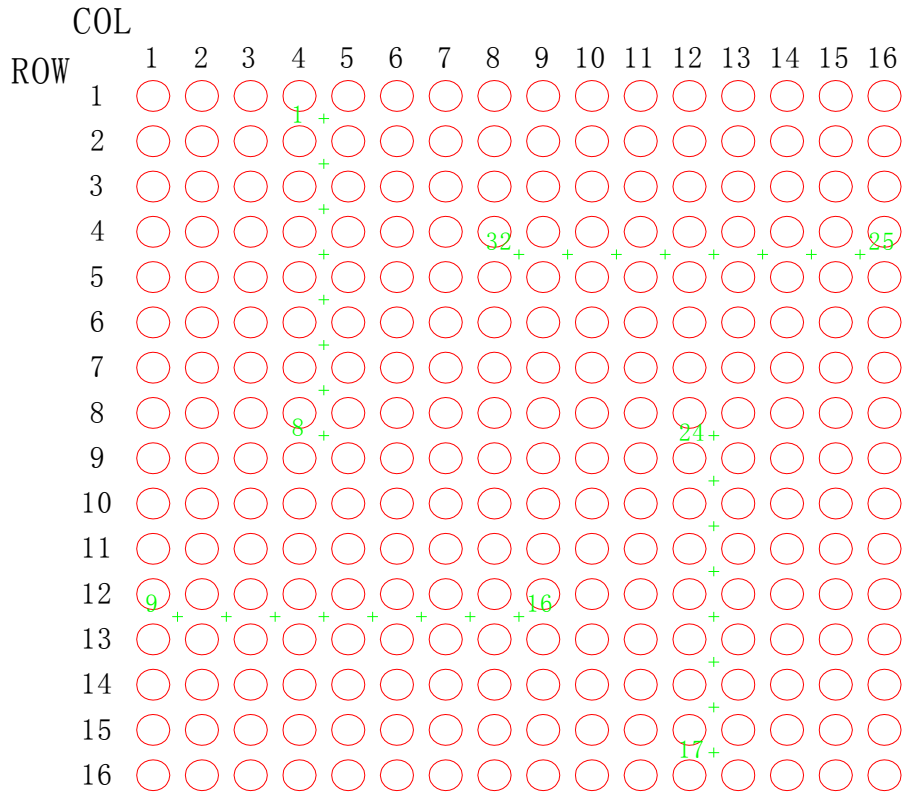
ELECTRICAL/OPTOTICAL CHARACTERISTIC AT Ta=25°C

PARAMETER	SYMBOL	MIN.	TYP.	MAX.	UNIT	CONDITION
Average Luminous Intensity	Iv	50	60		mcd	If=20mA
Peak Emission Wavelength	λd		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



YETDA INDUSTRY LTD.

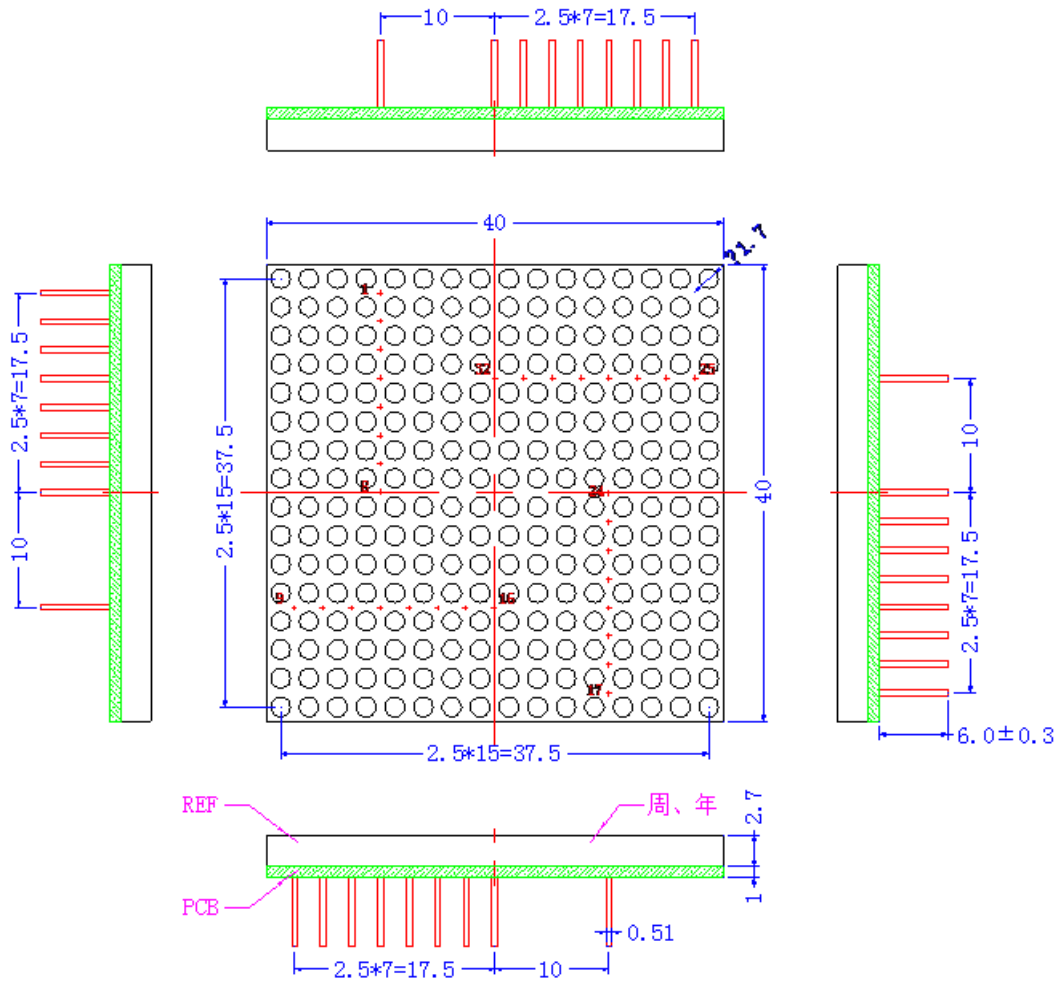
P.C.B. Pin Connection





YETDA INDUSTRY LTD.

Reflector Dimensions



Unit:mm