



# YETDA INDUSTRY LTD.

## 1.0" 3mm 8\*8 YELLOW DOT MATRIX DISPLAY

### M-10882AY10

#### DESCRIPTION

- \* 1.0" (28.0mm) Inch Matrix Height.
- \* Yellow Dot Matrix.
- \* Black Face and Water Clear Dot Color.
- \* Row Common Anode.

#### ABSOLUTE 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	

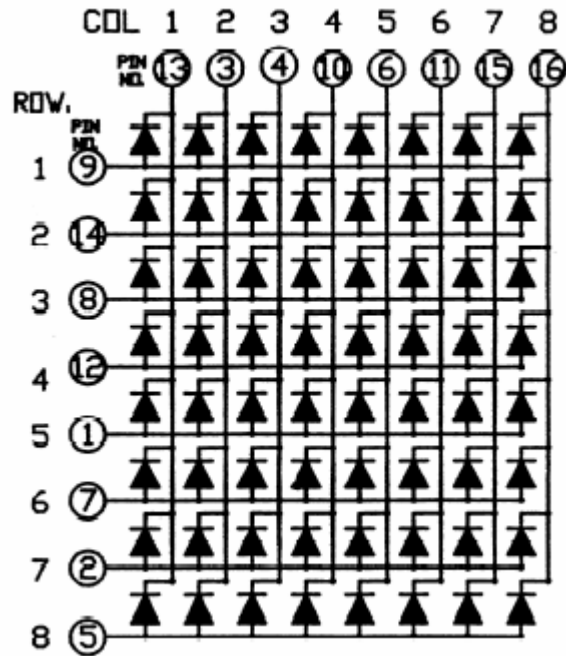
#### ELECTRICAL/OPTOTICAL CHARACTERISTIC AT Ta=25°C

PARAMETER	SYMBOL	MIN.	TYP.	MAX.	UNIT	CONDITION
Average Luminous Intensity	Iv	6	12		mcd	If=20mA
Peak Emission Wavelength	$\lambda d$		590		nm	If=20mA
Forward Voltage Per Dot	Vf	2.1	2.6		V	If=20mA
Reverse Current Per Dot	Ir			10	uA	Vr=5V
Luminous Intensity Matching Ratio	Iv-m	2 : 1				If=20mA

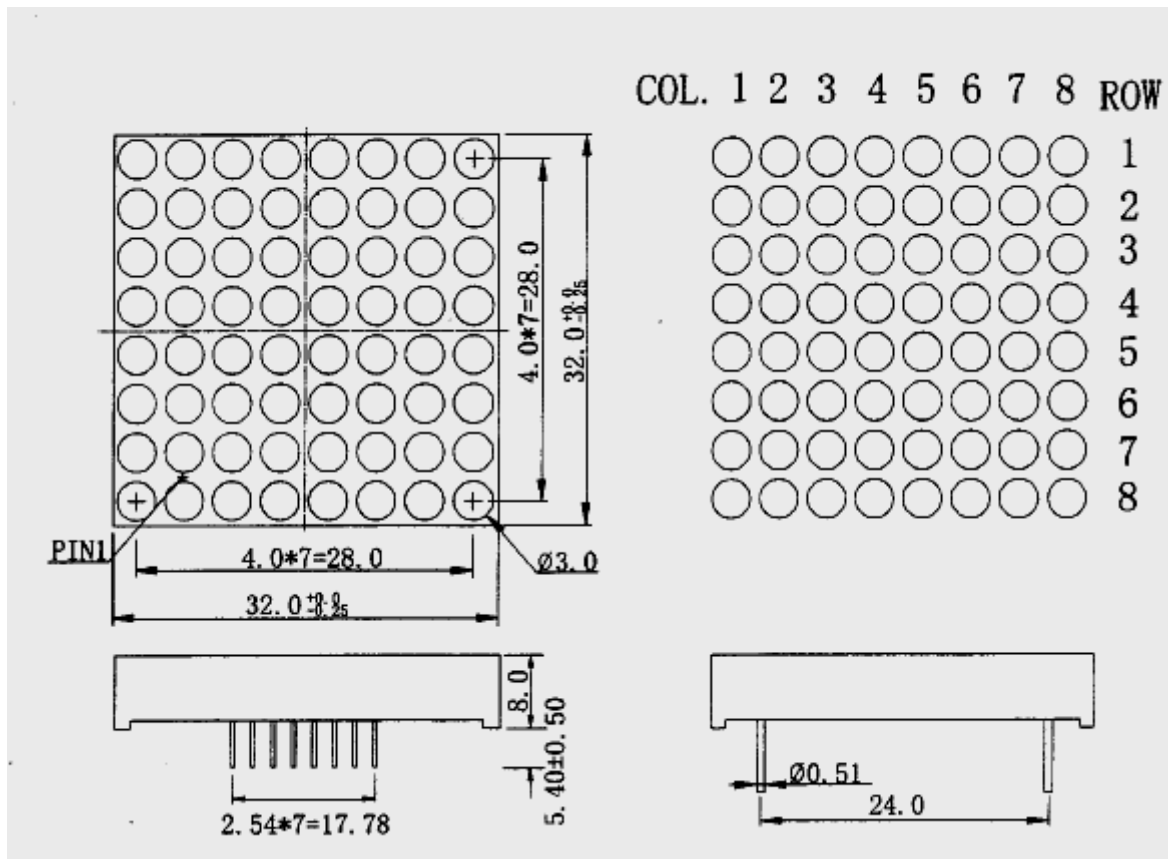


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## P.C.B. Pin Connection



## Reflector Dimensions



Unit:mm