



# YETDA INDUSTRY LTD.

## 2.3" 5mm 5\*8 RED & GREEN DOT MATRIX DISPLAY

### M-23583AUF11

#### DESCRIPTION

- \* 2.3" (53.34mm) Inch Matrix Height.
- \* Super Bright Red & Super Bright Green Dot Matrix.
- \* Black Face and White Dot Color.
- \* Row Common Cathode.

#### 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 for 3 seconds 1.6mm(1/16 inch) from body	

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

##### RED

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

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

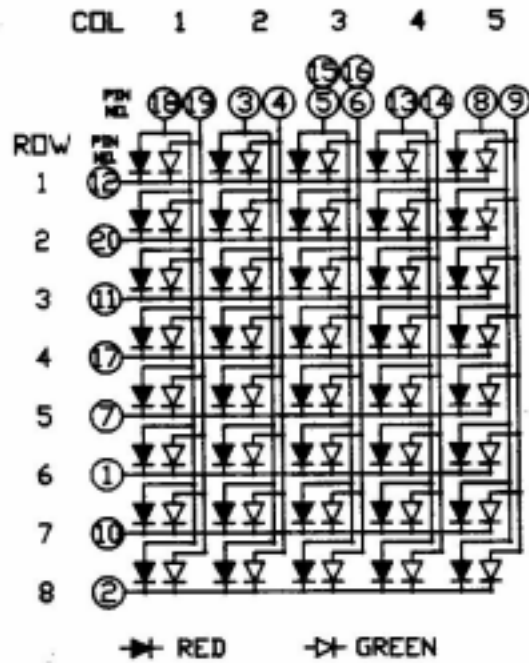
##### YELLOW GREEN

PARAMETER	SYMBOL	MIN.	TYP.	MAX.	UNIT	CONDITION
Average Luminous Intensity	Iv	25	30		mcd	If=20mA
Peak Emission Wavelength	d		573		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

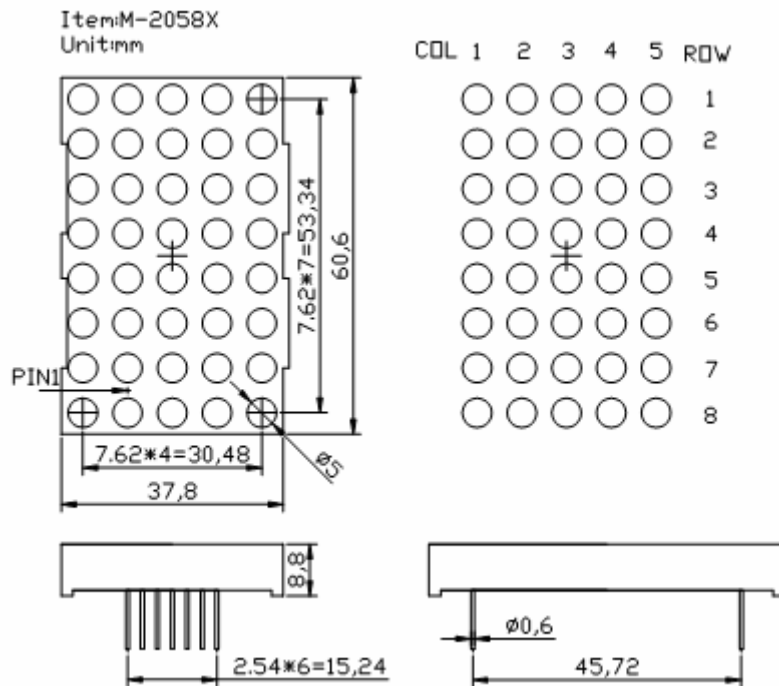


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## P.C.B. Pin Connection



## Reflector Dimensions



Unit: mm