



YETDA INDUSTRY LTD.

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

M-20883ASKGU11

DESCRIPTION

- * 2.3" (53.34mm) Inch Matrix Height.
- * High Bright Red & 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°C for 3 seconds 1.6mm(1/16 inch) from body	

ELECTRICAL/OPTOTICAL CHARACTERISTIC AT Ta=25°C

RED

PARAMETER	SYMBOL	MIN.	TYP.	MAX.	UNIT	CONDITION
Average Luminous Intensity	Iv	4	12		mcd	If=20mA
Peak Emission Wavelength	λ d		660		nm	If=20mA
Forward Voltage Per Dot	Vf		1.8	2.2	V	If=20mA
Reverse Current Per Dot	Ir			10	uA	Vr=5V
Luminous Intensity Matching Ratio	Iv-m	2 : 1				If=20mA

ELECTRICAL/OPTOTICAL CHARACTERISTIC AT Ta=25°C

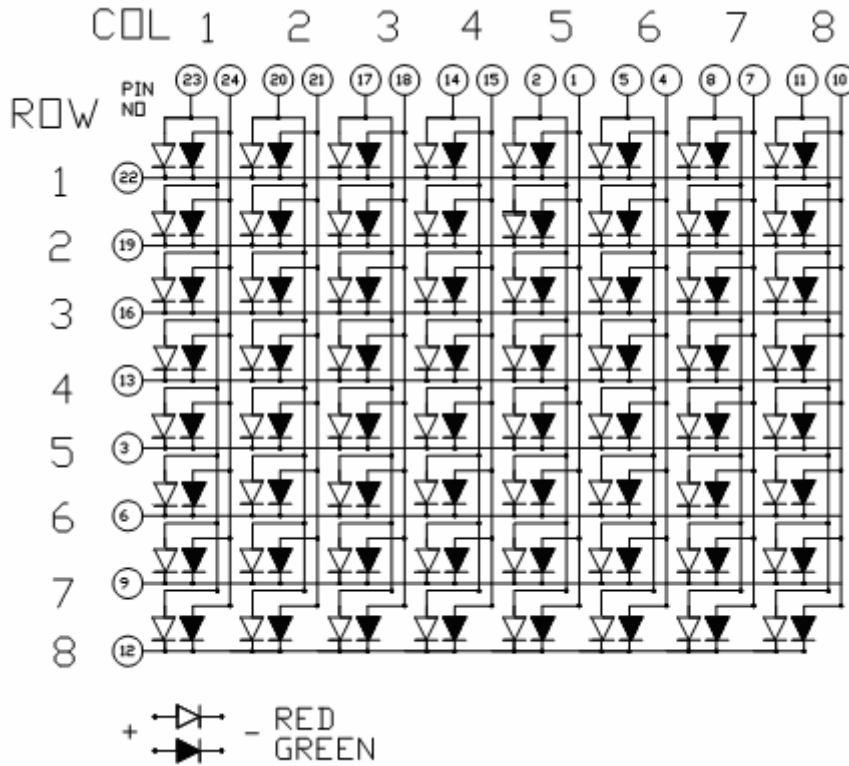
YELLOW GREEN

PARAMETER	SYMBOL	MIN.	TYP.	MAX.	UNIT	CONDITION
Average Luminous Intensity	Iv	6	9		mcd	If=20mA
Peak Emission Wavelength	λ d		573		nm	If=20mA
Forward Voltage Per Dot	Vf		2.2	2.6	V	If=20mA
Reverse Current Per Dot	Ir			10	uA	Vr=5V
Luminous Intensity Matching Ratio	Iv-m	2 : 1				If=20mA

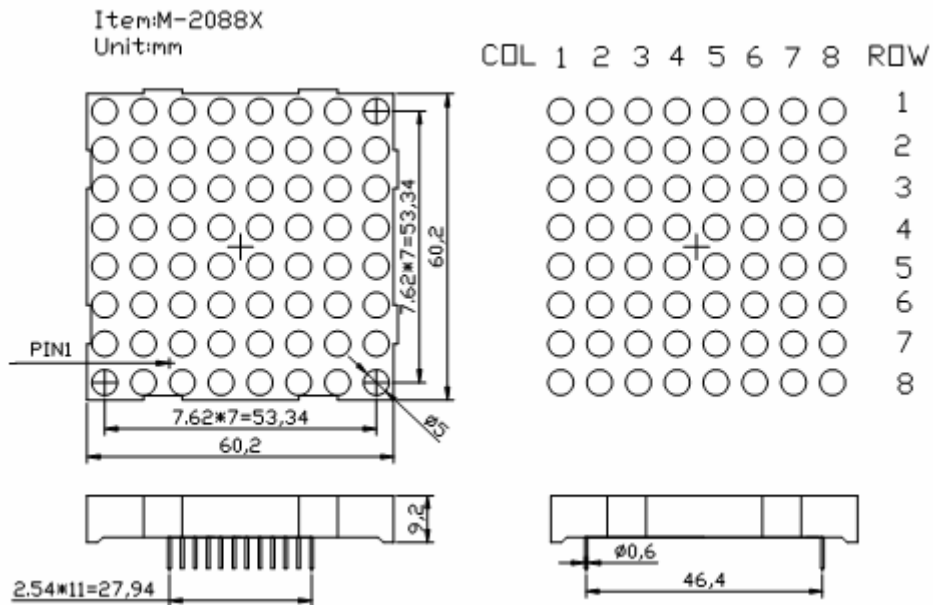


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P.C.B. Pin Connection



Reflector Dimensions



Unit:mm