



YETDA INDUSTRY LTD.

2.3" 5mm 8*8 RED , BLUE , GREEN DOT MATRIX DISPLAY

M-20885AUFBPG11

DESCRIPTION

- * 2.3" (53.34mm) Inch Matrix Height.
- * Super Bright Red & Ultra Bright Blue & Ultra Bright Blue 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	

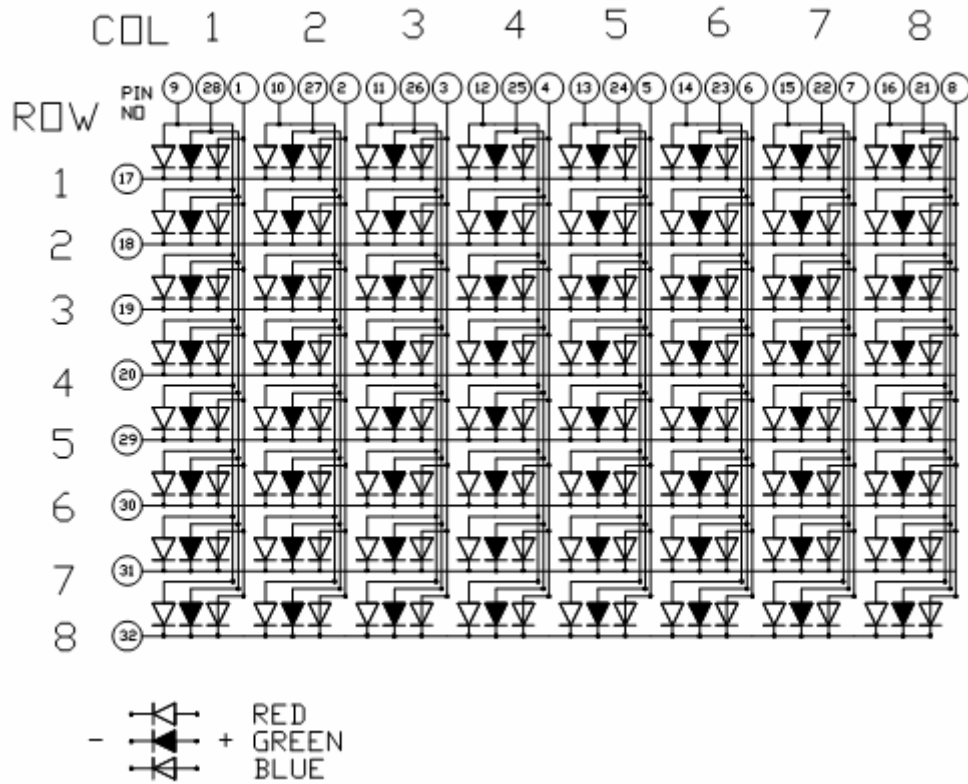
ELECTRICAL/OPTOTICAL CHARACTERISTIC AT Ta=25°C

PARAMETER	SYMBOL	MIN.	TYP.	MAX.	UNIT	CONDITION	
Average Luminous Intensity	Iv	R		30	mcd	If=20mA	
		G		150			
		B		40			
Peak Emission Wavelength	λ d	R		632	nm	If=20mA	
		G		515			
		B		465			
Forward Voltage Per Dot	Vf	R		2.05	V	If=20mA	
		G	3.0	3.3			3.8
		B		3.3			3.8
Reverse Current Per Dot	Ir			10	uA	Vr=5V	
Luminous Intensity Matching Ratio	Iv-m			2 : 1		If=20mA	

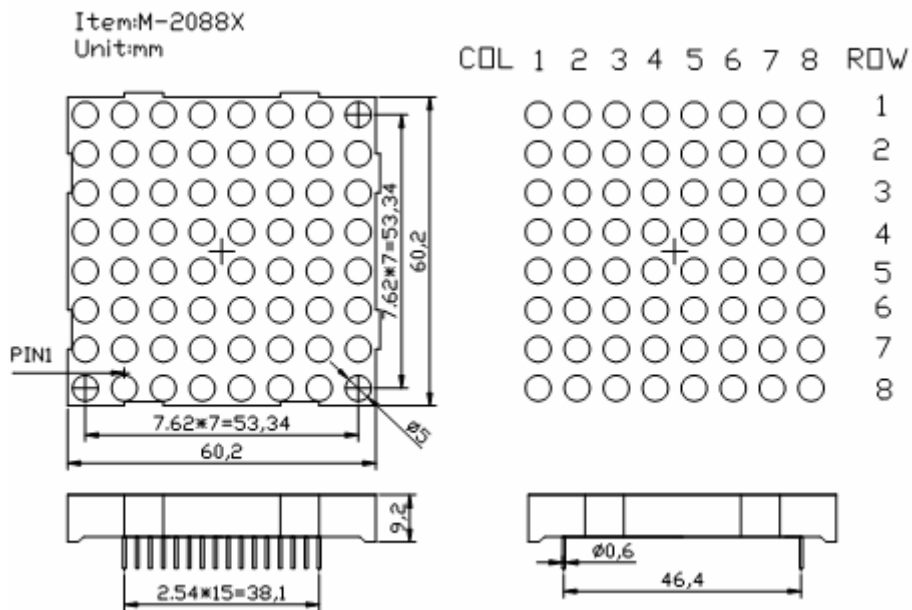


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P.C.B. Pin Connection



Reflector Dimensions



Unit: mm