



YETDA INDUSTRY LTD.

0.7" 1.9mm 5*7 RED & GREEN DOT MATRIX DISPLAY

M-7576AUFGE10-4

DESCRIPTION

- * 0.7" (15.24mm) Inch Matrix Height.
- * Super Bright Red & Super Bright Green Dot Matrix.
- * Black Face and Water Clear Dot Color.
- * Row Common Anode. *Pin Length: 4mm.

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/OPTICAL CHARACTERISTIC AT Ta=25°C

RED

PARAMETER	SYMBOL	MIN.	TYP.	MAX.	UNIT	CONDITION
Average Luminous Intensity	I _v	50	60		mcd	I _F =20mA
Peak Emission Wavelength	λ _D		625		nm	I _F =20mA
Forward Voltage Per Dot	V _F		2.0	2.4	V	I _F =20mA
Reverse Current Per Dot	I _R			10	uA	V _R =5V
Luminous Intensity Matching Ratio	I _v -m	2 : 1				I _F =20mA

ELECTRICAL/OPTICAL CHARACTERISTIC AT Ta=25°C

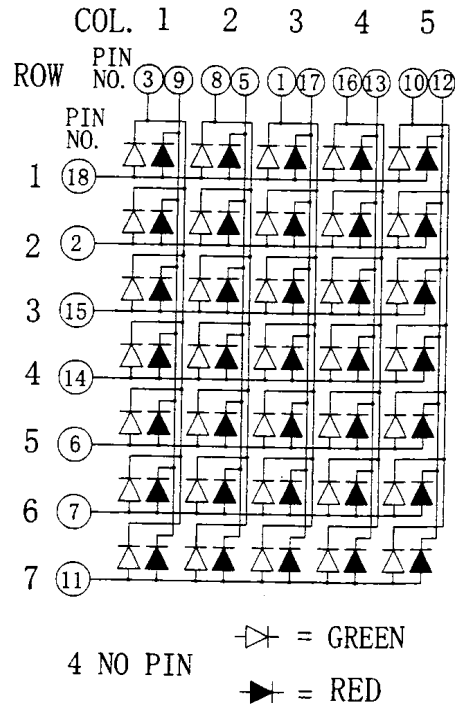
GREEN

PARAMETER	SYMBOL	MIN.	TYP.	MAX.	UNIT	CONDITION
Average Luminous Intensity	I _v	25	30		mcd	I _F =20mA
Peak Emission Wavelength	λ _D		573		nm	I _F =20mA
Forward Voltage Per Dot	V _F		2.0	2.4	V	I _F =20mA
Reverse Current Per Dot	I _R			10	uA	V _R =5V
Luminous Intensity Matching Ratio	I _v -m	2 : 1				I _F =20mA

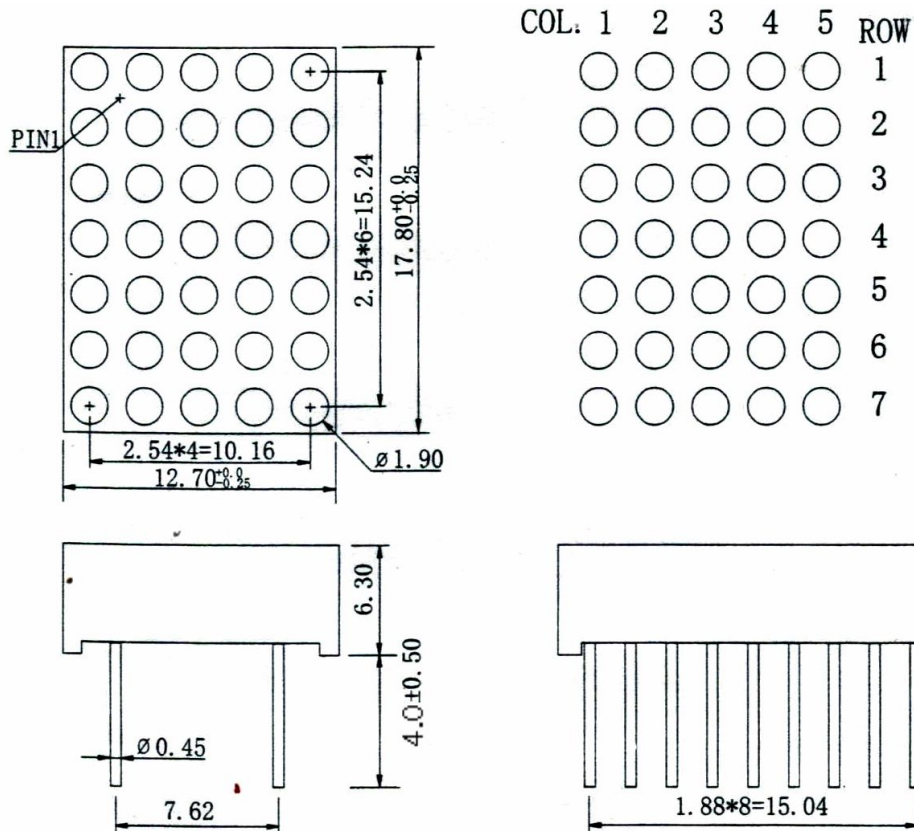


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P.C.B. Pin Connection



Reflector Dimensions



Unit:mm