



YETDA INDUSTRY LTD.

2" 5mm 5*7 RED & Pure GREEN DOT MATRIX DISPLAY

M-20573AUFPG11

DESCRIPTION

- * 2" (45.72mm) Inch Matrix Height.
- * High Bright Red & Pure 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	50	mW
Peak IF(ma) (1/10Duty Cycle 0.1ms Pulse Width)	60	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	-45°C TO +85°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	50		70	mcd	If=20mA
Peak Emission Wavelength	λ d	629		635	nm	If=20mA
Forward Voltage Per Dot	Vf		2.0	2.5	V	If=20mA
Reverse Current Per Dot	Ir			50	uA	Vr=5V
Suggestion Forward Current	If	3	5-10	20	mA	If=20mA

ELECTRICAL/OPTOTICAL CHARACTERISTIC AT Ta=25°C

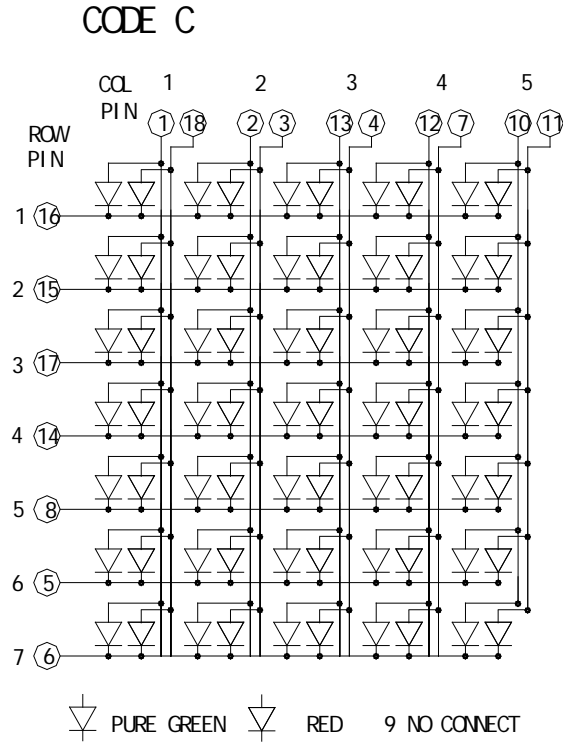
PURE GREEN

PARAMETER	SYMBOL	MIN.	TYP.	MAX.	UNIT	CONDITION
Average Luminous Intensity	Iv	160		175	mcd	If=20mA
Peak Emission Wavelength	λ d	510		520	nm	If=20mA
Forward Voltage Per Dot	Vf		3.2	3.6	V	If=20mA
Reverse Current Per Dot	Ir			50	uA	Vr=5V
Suggestion Forward Current	Iv-m	3	5-10	20	mA	If=20mA

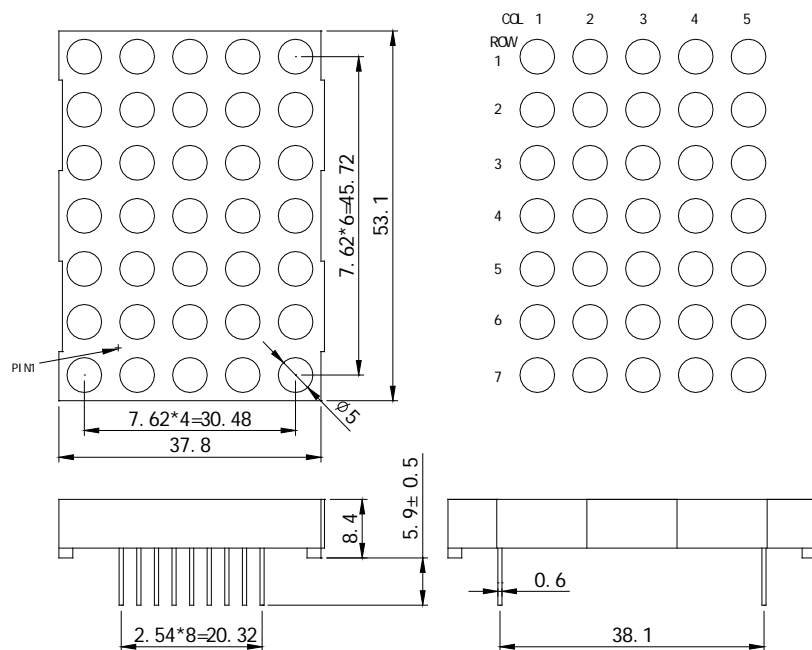


YETDA INDUSTRY LTD.

P.C.B. Pin Connection



Reflector Dimensions



Unit:mm