



# YETDA INDUSTRY LTD.

## 1.2" 3mm 5\*7 Red & Pure Green DOT MATRIX DISPLAY

### M-12573AUFPG11

#### DESCRIPTION

- \* 1.2" (27.42mm) 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)	20	mA
Reverse Voltage Per Dot	5	V
Operation Temperature Range	-25°C TO +85°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	I IF=20mA
Forward Voltage Per Dot	Vf	1.8		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

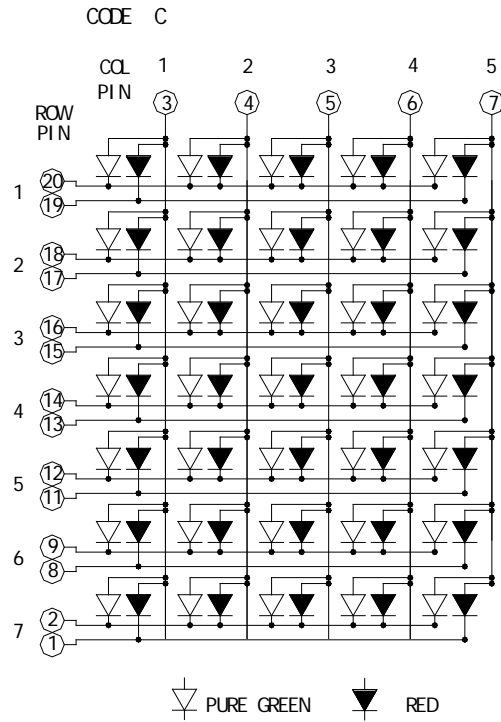
##### PURE GREEN

PARAMETER	SYMBOL	MIN.	TYP.	MAX.	UNIT	CONDITION
Average Luminous Intensity	Iv	160		170	mcd	IF=20mA
Peak Emission Wavelength	λ d	510		520	nm	IF=20mA
Forward Voltage Per Dot	Vf	2.8		3.6	V	IF=20mA
Reverse Current Per Dot	Ir			50	uA	Vr=5V
Suggestion Forward Current	IF	3	5-10	20	mA	IF=20mA

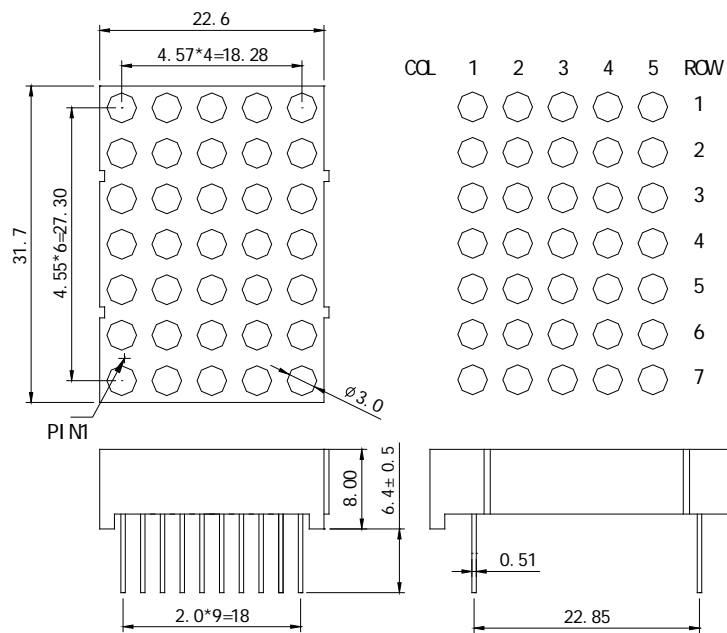


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### P.C.B. Pin Connection



### Reflector Dimensions



Unit:mm