



YETDA INDUSTRY LTD.

1.2" 3mm 5*7 GREEN & BLUE DOT MATRIX DISPLAY

M-12574APGB11

DESCRIPTION

- * 1.2" (27.42mm) Inch Matrix Height.
- * Ultra Bright Green & Ultra Bright Blue Dot Matrix.
- * Black Face and White Dot Color.
- * Row Common Anode.

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

PURE GREEN

PARAMETER	SYMBOL	MIN.	TYP.	MAX.	UNIT	CONDITION
Average Luminous Intensity	Iv	150	180		mcd	If=20mA
Peak Emission Wavelength	λ d		525		nm	If=20mA
Forward Voltage Per Dot	Vf		3.2	3.8	V	If=20mA
Reverse Current Per Dot	Ir			10	uA	Vr=5V
Luminous Intensity Matching Ratio	Iv-m	2 : 1				If=20mA

ELECTRICAL/OPTICAL CHARACTERISTIC AT Ta=25°C

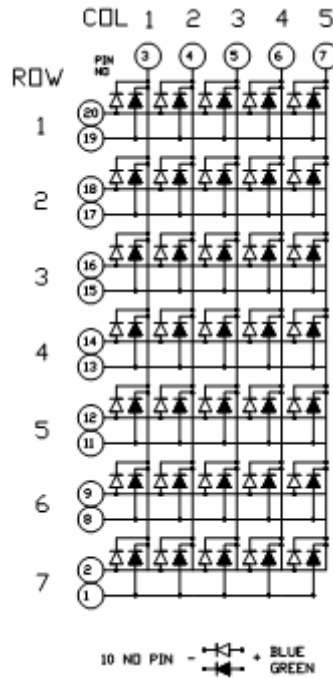
BLUE

PARAMETER	SYMBOL	MIN.	TYP.	MAX.	UNIT	CONDITION
Average Luminous Intensity	Iv	35	45		mcd	If=20mA
Peak Emission Wavelength	λ d		470		nm	If=20mA
Forward Voltage Per Dot	Vf		3.2	3.8	V	If=20mA
Reverse Current Per Dot	Ir			10	uA	Vr=5V
Luminous Intensity Matching Ratio	Iv-m	2 : 1				If=20mA

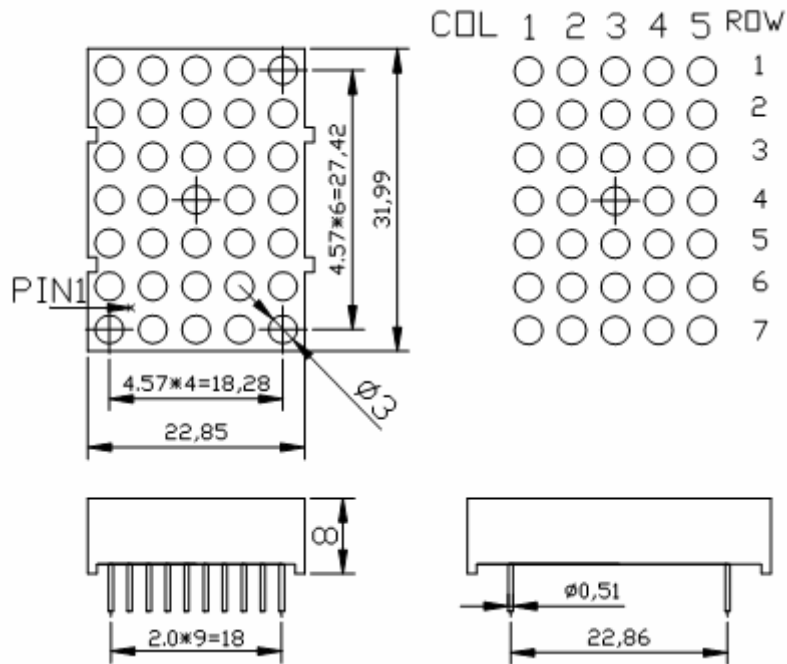


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P.C.B. Pin Connection



Reflector Dimensions



Unit:mm