



YETDA INDUSTRY LTD.

2.3" 5mm 5*8 GREEN DOT MATRIX DISPLAY

M-20584AGU11

DESCRIPTION

- * 2.3" (53.34mm) Inch Matrix Height.
- * High Bright Green 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 | |

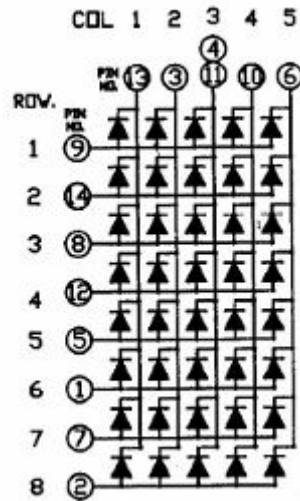
ELECTRICAL/OPTOTICAL CHARACTERISTIC AT Ta=25°C

| PARAMETER | SYMBOL | MIN. | TYP. | MAX. | UNIT | CONDITION |
|-----------------------------------|-------------|-------|------|------|------|-----------|
| Average Luminous Intensity | Iv | 6 | 9 | | mcd | If=20mA |
| Peak Emission Wavelength | λd | | 573 | | nm | If=20mA |
| Forward Voltage Per Dot | Vf | | 2.2 | 2.6 | V | If=20mA |
| Reverse Current Per Dot | Ir | | | 10 | uA | Vr=5V |
| Luminous Intensity Matching Ratio | Iv-m | 2 : 1 | | | | If=20mA |

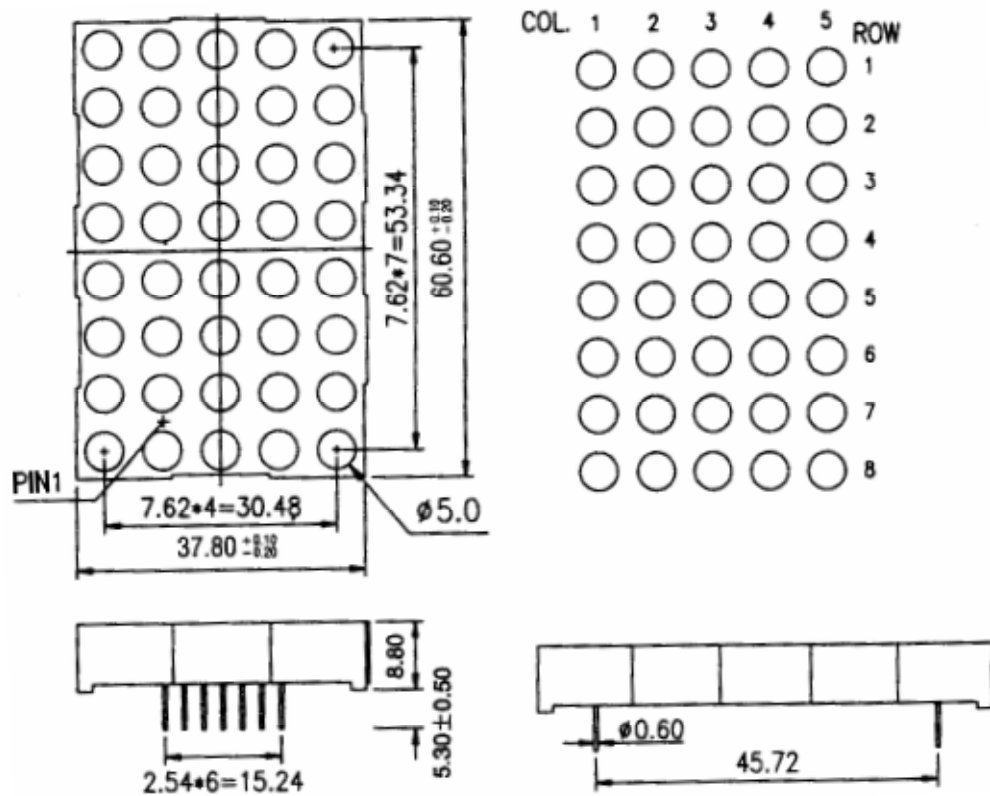


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P.C.B. Pin Connection



Reflector Dimensions



Unit:mm