



YETDA INDUSTRY LTD.

0.52" QUADRUPLE DIGIT RED LED DISPLAY

Q-5241AUF11

DESCRIPTION

- * 0.52" (13.20mm) Inch Digit Height.
- * Super Bright Red Display.
- * Grey Face and White Segment Color.
- * Common Cathode.

ABSOLUT MAXIMUM RATINGS AT Ta=25°C

| Parameter | | UNIT |
|-------------------------------------|---|------|
| Power Dissipation Per Seg. & Dot | 40 | mW |
| Peak Forward Current Per Seg. & Dot | 120 | mA |
| Forward current Per Seg. & Dot | 30 | mA |
| Reverse Voltage Per Seg. & 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 | |

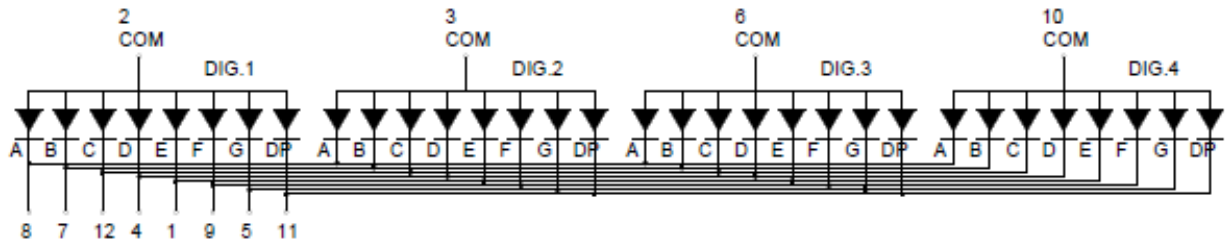
ELECTRICAL/OPTICAL CHARACTERISTIC AT Ta=25°C

| PARAMETER | SYMBOL | MIN. | TYP. | MAX. | UNIT | CONDITION |
|-----------------------------------|-------------|------|-------|------|------|-----------|
| Average Luminous Intensity | Iv | 50 | 60 | | mcd | If=20mA |
| Emission Wavelength | λd | | 625 | | nm | If=20mA |
| Forward Voltage Per Seg. | Vf | | 2.0 | 2.4 | V | If=20mA |
| Reverse Current Per Seg. | Ir | | | 10 | uA | Vr=5V |
| Luminous Intensity Matching Ratio | Iv-m | | 2 : 1 | | | If=20mA |

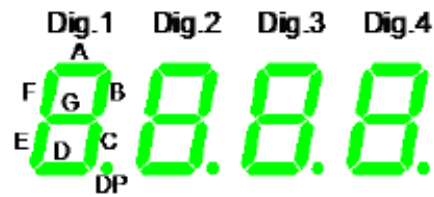
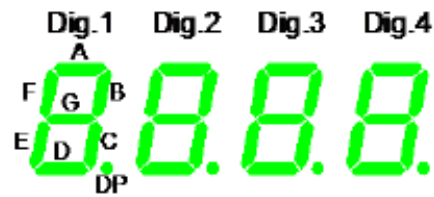
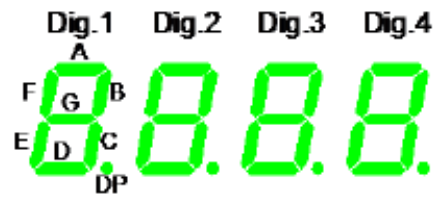
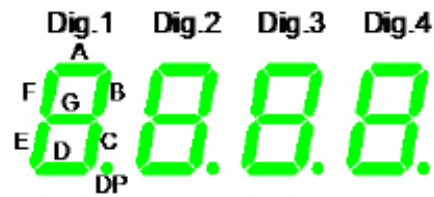
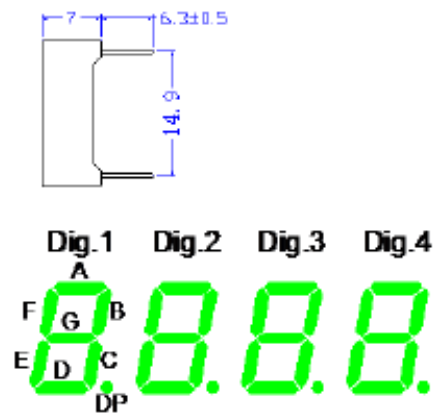
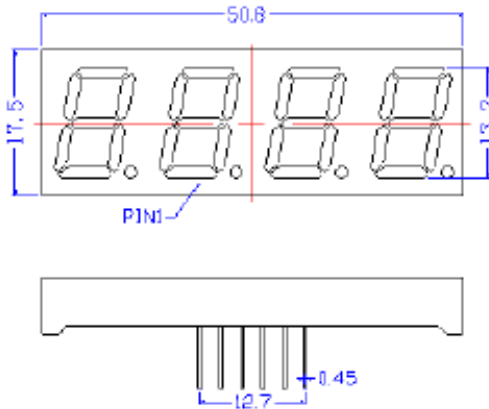


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P.C.B. Pin Connection



Reflector Dimensions



Unit:mm