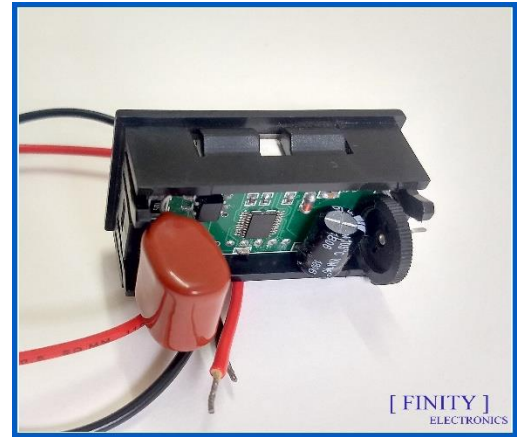
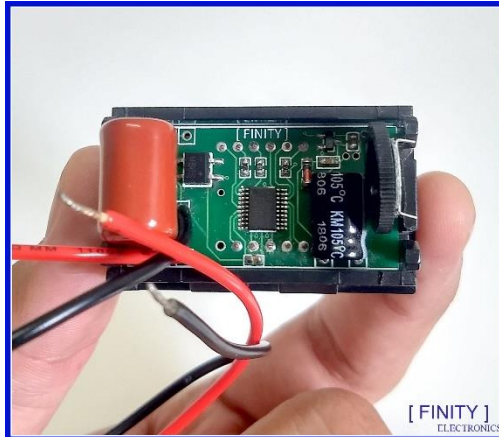
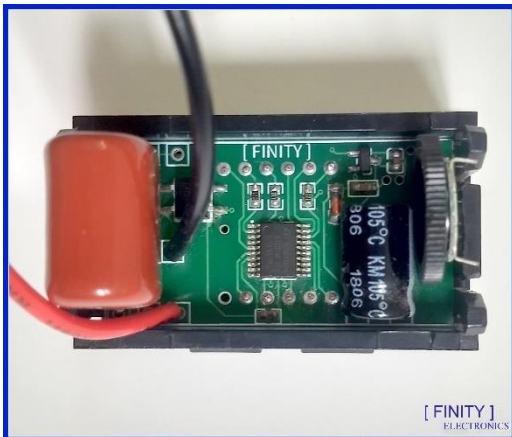


Digital AC Voltmeter User Manual



Features:

- System:
 - Embedded with a dedicated **microcontroller** for powerful processing.
 - **ADC noise cancellation** results a precise AC voltage measurement.
- Technical specifications:
 - **3-digit** digital seven segment numeric **0.56-inch** display.
 - **2880** samples taken per second for measurement, which results to approximately **58** samples per AC cycle.
 - Display refresh rate: **4** times per second.
 - Potentiometer dial is given for **calibrating** the voltage measurement.
 - Measuring range: **AC 70V – AC 500V**
 - Display color: **Red**
 - Power Supply: Direct use of measured voltage as supply. Just connect the two terminal wires across the terminals where voltage is to be measured.
 - Maximum Input: **500V AC**, higher voltages may result damage to meter.
 - Error: **±1 %** of actual value.
 - Measurement resolution: **1V**.
 - Terminal wire length: **30cm or 0.3m**
 - Terminal wire standard: **IS 694**
- Design Parameters:
 - Compact, crisp and easy to use design.
 - **Push to fit** installation design. No screws required.
 - Outer case dimensions: **48 X 29 X 22 mm** or **1.89 X 1.15 X 0.87 inch**.
 - Installing cut dimensions: **46 X 27 mm** or **1.81 X1.06 inch**.
 - Weight: approx. **20 grams**.
- Temperature Range:
 - **0°C to +55°C**.
- Notes:
 - Do not let any of the terminals screwed loose. **Loose** connections may result to unnecessary voltage spikes or flickering, which may damage the voltmeter.
 - The calibration dial attached to the voltmeter is on the **mains** side. Extreme **precaution** should be taken while calibrating the measurements in ON condition as it has chances of getting an electrical shock.