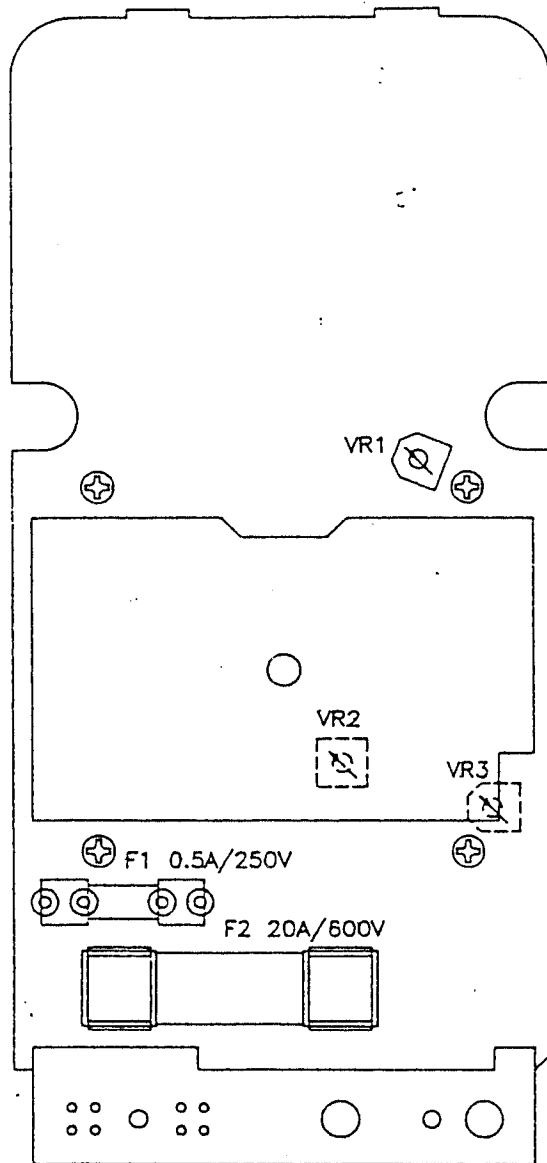


NOTES: UNLESS OTHERWISE SPECIFIED
 1. ALL RESISTANCE ARE 1/4 WATTS VALUES IN OHMS
 2. ALL CAPACITANCE VALUES IN FARADS
 3. ALL DIODES ARE IN4148

27XT CALIBRATION PROCEDURE



The procedure should be performed at an ambient temperature of $25^{\circ}\text{C} \pm 2^{\circ}\text{C}$, and at a relative humidity of less than 80%. Allow the instrument to stabilize at this temperature for a minimum of 30 minutes.

1. Remove the back case screws, and carefully pry up the back case.
2. Set the Function/Range switch to the "DC 200mV" position.
3. Set the DC/AC rubber button to DC mode, See the left up corner of the display.
4. Set the output of the DC calibrator for $190.0\text{mV} \pm 0.02\%$ and connect it to the "V Ω " and "COM" input terminals.
5. Adjust VR1 until the display reads $190.0\text{mV} \pm 1$ digit.
6. Set the Function/Range switch to the "2 μF " position.
7. Get a $1.000\mu\text{F} \pm 1\text{nF}$ standard capacitor or a stabilized metalize capacitor which value was selected close to $1\mu\text{F}$, and the capacitor must be discharge before connecting.
8. Connect the capacitor to the "Cx" and "COM" input terminals or the "Cx" socket
9. Adjust VR2 until the display reads an identical value of standard capacitor or metalize capacitor.
10. Set the Function/Range switch to the "2mH" position; *short the input jacks.*
11. Adjust VR3 until the display reads 0.000