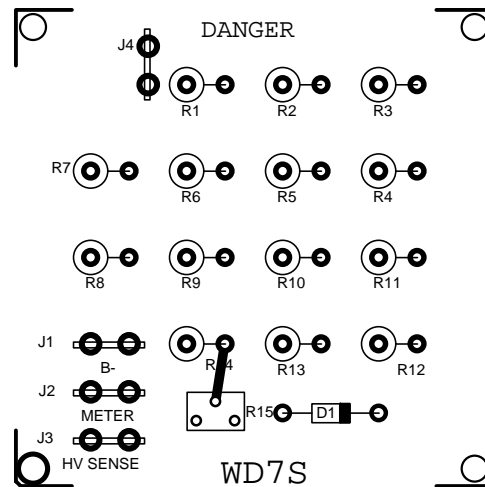
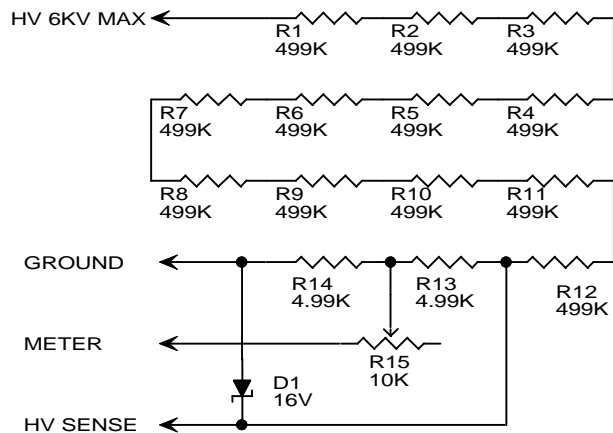


WD7S PRODUCTIONS

METER MULTIPLIER

6KV METER FULL SCALE (100UA –500UA METERS) = ALL 499K RESISTORS. REMOVE AND JUMPER ONE RESISTOR (R1-R12) FOR EACH 500 VOLTS LOWER IN FULL SCALE VALUE, START AT R1 WHEN REMOVING RESISTORS. FOR 1ma FULL SCALE METERS YOU MAY HAVE TO USE ONE LESS RESISTOR THAN REQUIRED FOR THE LOWER SCALE METERS, EXAMPLE; 5KV FULL SCALE = ONLY R4-R12 REQUIRED, 6KV = R2-R12 REQ'D ETC. THIS WILL DEPEND ON THE INTERNAL RESISTANCE OF THE METER. THE BOARD HAS TWO GROUNDS, MOUNTING HOLE AND SPADE LUG, USE THEM BOTH!!! USE NYLON STAND-OFFS ON THE HV SIDE OF THE BOARD. IF THE BOARD IS TO BE USED IN DUSTY OR DAMP ENVIRONMENTS MOUNT THE BOARD VERTICALLY AND OR SPRAY WITH HV CONFORMAL COATING.





WD7S PRODUCTIONS

Title: MULTIPLIER.PIC	
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