



SCHEMATIC OF THE HEATHKIT® QRP WATTMETER MODEL HM-9

NOTES:

1. ALL RESISTORS ARE RATED AT 1/4-WATT AND HAVE A TOLERANCE OF 5% UNLESS OTHERWISE NOTED. RESISTOR VALUES ARE IN OHMS (K=1000).
2. CAPACITOR VALUES LESS THAN 1 ARE IN μ F (MICROFARADS); VALUES GREATER THAN 1 ARE IN pF (PICOFARADS) UNLESS OTHERWISE NOTED.
3. THE FUNCTION SWITCH IS SHOWN IN THE 5-WATT POSITION.
4. THE SWR SENSIVITY SWITCH IS SHOWN PUSHED IN.
5. ∇ THIS SYMBOL INDICATES A CIRCUIT BOARD GROUND.
6. \boxplus THIS SYMBOL INDICATES A CHASSIS GROUND.
7. \square THIS SYMBOL INDICATES A WIRE SOLDERED TO A CIRCUIT BOARD HOLE.

* SEE TABLE BELOW

	1.8-30MHz	50-54MHz	144-148MHz
C1	7.7pF	.56pF	.56pF
C2	100pF	7.5pF	7.5pF
C3	100pF	7.7pF	7.7pF
C5	150pF	30pF	30pF
C6	150pF	30pF	30pF
C7	1000pF	100pF	100pF
C8	1000pF	100pF	100pF
R1	6340 Ω , 1%	4990 Ω , 1%	5490 Ω , 1%
R2	3300 Ω	2200 Ω	2200 Ω
R3	47 Ω	56 Ω	56 Ω
R4	47 Ω	56 Ω	56 Ω
R8	45.3k Ω , 1%	28.7k Ω , 1%	30.9k Ω , 1%
L1	40-1970	40-1982	40-1982