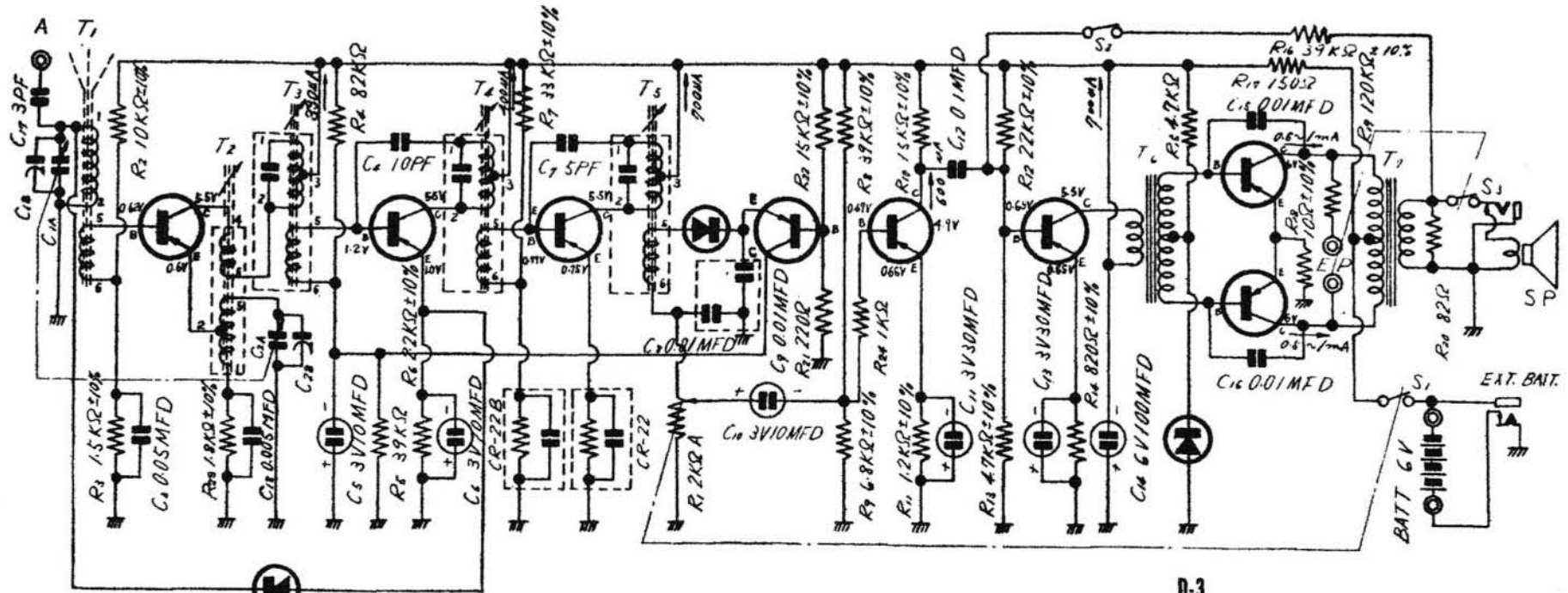


NATIONAL MODEL AT-220

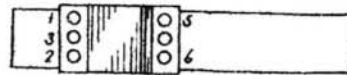
| | | | | | | | |
|------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|--------------------------------------|
| TR-1 MC101 CONV. | TR-2 OC45 1ST IF AMP. | TR-3 OC45 2ND IF AMP. | D-2 OA70 DET & A.G.C. | TR-4 OC71 A.G.C. AMP. | TR-5 OC71 1ST AF AMP. | TR-6 OC71 2ND AF AMP. | TR-7 & TR-8 2OC72 POWER OUTPUT |
|------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|--------------------------------------|



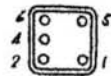
D-1
OA79
D.A.G.C.

CR-22 ---- 0.025MFD + 12KΩ ± 10%
CR-22B ---- 0.025MFD + 10KΩ ± 10%

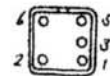
D-3
MA23
A.O.C.



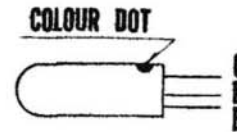
T1
FERRITE ROD ANT COIL



T2
OSC COIL



T3 T4 & T5
IF TRANS.



TRANSISTOR

(BOTTOM VIEW)