



DWG. NO.	PART NO.	DESCRIPTION	DWG. NO.	PART NO.	DESCRIPTION	DWG. NO.	PART NO.	DESCRIPTION
C1	22-220	THREE GANG VARIABLE	C20	22-1041	.005 MFD.	R17	63-77E	150 M OHM
C2	22-289	50 MMFD.				R18	63-659	470 M OHM
C3	22-828	.05 MFD.	R1	63-1020	68 OHM WIREWOUND	R19	63-1174	480 OHM WIREWOUND
C4	22-829	.05 MFD.	R2	63-1030	42 OHM WIREWOUND			
C5	22-182	.00025 MFD.	R3	63-593	47 M OHM			
C6	22-1082	.005 MFD.	R4	63-590	15 M OHM			
C7	22-825	.1 MFD.	R5	63-595	180 M OHM			
C8	22-387	.02 MFD.	R6	63-587	4700 OHM			
C9	22-354	.00035 MFD.	R7	63-609	22 M OHM			
C10	22-470	.00015 MFD.	R8	63-1184	47 M OHM			
C11	22-229	.005 MFD.	R9	63-605	1000 OHM			
C12	22-445	.004 MFD.	R10	63-296	220 M OHM			
C13	22-492	.002 MFD.	R11	63-599	1.5 MEG OHM			
C14	22-854	.0005 MFD.	R12	63-1122	VOLUME CONTROL			
C15	22-196	.01 MFD.	R13	63-594	68 M OHM			
C16	22-827	.1 MFD.	R14	63-976	15 MEG OHM			
C17			R15	63-657	330 M OHM			
C18	22-1187	20 MFD. ELECTROLYTIC	R16	63-652	120 M OHM			
C19		40 MFD.						

Models 7S681-7S682-7S685

Chassis No. 7B02 Phono.

All voltages measured with a 20,000 ohm per volt meter from chassis to socket contact indicated.

All voltages are positive D.C. unless marked otherwise.

Volume control full on.
Line voltage 117 A.C.
Power consumption 80+30 watts.
Power output 8.4 watts.
Tuning Range
540 Kc. to 1620 Kc.
5400 Kc.—18300 Kc.

Stage Gains
Bc. and I.F.

Ant. to R.F. grid 7.1× at 1000 Kc.
R.F. grid to conv. grid 5.6× at 1000 Kc.
Conv. grid to I.F. grid 73× at 455 Kc.
Overall audio 1600× at 1 watt 400 cycles.

Zenith Radio

