GS35B Parts List

A1 0-2 AMP PLATE METER
A2 0-500 MA GRID METER
C1 25-700 pf VACUUM VARIABLE CAPACITOR
C2 10-1200 pf VACUUM VARIABLE CAPACITOR
C3, C5, C7, C9, C13, C15, C20, C27, C28, C39, .01 µf 1kv disk ceramic capacitor
C4, C6, C8, C19 .001 µf disk ceramic capacitor
C34, C35, .001 µf 1kv bypass capacitor
C18 100µf 50 vdc capacitor
C21 .001µf 6kv Sagnamo Mica Transmitting Capacitor
C26 1000 pf 5kv doorknob capacitor
C25, C26A 1000 pf 12kv doorknob capacitor
(C62, C41 through C52 Pictured on tuned input print)
C41, C62 Air Mica Trimmer Capacitors +/- 100 pf
C43, C44 Air Mica Trimmer Capacitors +/- 150 pf
C45, C46 Air Mica Trimmer Capacitors +/- 220 pf
C47 Air Mica Trimmer Capacitors +/- 420 pf
C48 Air Mica Trimmer Capacitors +/- 470 pf
C49 Air Mica Trimmer Capacitors +/- 750 pf
C50 Air Mica Trimmer Capacitors +/- 820 pf
C51 Air Mica Trimmer Capacitors +/- 1300 pf
C52 Air Mica Trimmer Capacitors +/- 1600 pf
C61 through C70 1000µf 450vdc Capacitors (From power supply print)
Cooling pump, pump1, pump2, grundfos circulation pump ups 26-99fc
(from oil system print)
D1 LED, Red, with 2200 ohm dropping resistor in series.
D2 LED, Yellow, with 2200 ohm dropping resistor in series.
D3 LED, Green, with 2200 ohm dropping resistor in series.
D4, D5, D6, D7 1N4001
Diode Bridge
D100 TO D172 2.5 Amp 1000 PIV Diodes
C100 T0 C172 .01µf 1000 V Capacitors
R100 TO R172 560 k 1 Watt Resistors.
(from Power Supply print)
Fan 1, (This provides some cooling air for the W4ZT Bias Board heat sink)
40mm X40mmX10mm 12vdc, runs off the filament supply.
Fan 2, 3"X 3" square muffin 12vdc (This provides some cooling air for the GS35B tube to blow upwards through the tube socket and take away filament heat) The power supply for fan 2 is located in the jbox at the rear of the amp.
Fan 3, 120vac heat exchanger fan, square box fan bought from wal-marts.
K1 relay DPDT 120vac 30 amp or more contacts. (from power supply print)
K2 relay DPDT 120acv ice cube relay, only 1 NO contact is used. (from power supply print).
K3 relay SPST 120acv 30 amp or more contacts, only 1 NO contact is used. (from power supply print).
L4 22 µh roller coil
L5 2.5 MH rf choke.
(L41, L42, L43, L45, L46 pictured on tuned input print)
L41=6 TURNS #20 WIRE ON T-50-6 CORE, 10-12 METERS
L42=8 TURNS #20 WIRE ON T-50-6 CORE, 15-17 METERS
L43=11 TURNS #20 WIRE ON T-50-6 CORE, 20-30 METERS
L44=13 TURNS #20 WIRE ON T-68-2 CORE, 60-40 METERS
L45=17 TURNS #22 WIRE ON T-68-2 CORE, 80 METERS
L46=6 TURNS #26 WIRE ON T-68-2 CORE, 160 METERS
Q1 TRANSISTOR NTE287 FOR THE GRID TRIP CIRCUIT.
IN ANTENNA RELAY, OUT ANTENNA RELAY, REW-14, 1500 WATT (THRU 650 MHz) 50 OHM COAXIAL RELAY RUSSIAN 24 VDC.
Relay, (RL1, RL2, RL3, RL4, RL5) SRA-24VDC-CL, PCB 5 PIN 20 AMP RELAY 24VDC
Relay, OL-RL, DPDT 24VDC
Relay, RLS, DPDT 12VDC
Relay, timer relay, TDR 24VDC OCTAL BASE FROM 1 SECOND TO 5 MINUTES ON DELAY. (If you have or buy this is a 12vdc coil you can eliminate relay RLS as this relay runs off of the filament supply to monitor the filament supply voltage, so you would hook the TDR to the 12vdc supply and do away with the RLS relay, I already had the TDR in 24vdc so used it and the 12vdc RLS to start the TDR.)
R2 10K 1 WATT POTENTIOMETER
R6 50K 1/2 WATT POTENTIOMETER
R7 10 WATT
R8 500 1/2 WATT
R9 80K 25 WATT NON INDUCTIVE RESISTOR
R12 70 @ 25 WATTS OR MORE. (from power supply print)
R62-R71 25K @ 25 WATTS OR MORE. (from power supply print)
RFC3, RFC3A (2) RFC AMERITRON 225 µh 1.5 amp pilar choke
SW1, SW2 30 AMP STSP LARGE HANDLE ON/OFF SWITCH
SW3 DTDP TOGGLE SWITCH
SW4 DT6P SELECTOR SWITCH
T1 TRANSFORMER 5 KVA POLE PEG, 240/120 VAC CENTER TAPPED PRIMARY 2400 VAC SECONDARY
DC SUPPLY 12VDC REGULATED SWITCHING SUPPLY (FILAMENT VOLTAGE)
DC SUPPLY 24VDC REGULATED SWITCHING SUPPLY (LOW VOLTAGE SUPPLY)
W4ZT BIAS BOARD