REGENCY MODEL 107 REGULATED POWER SUPPLY

DESCRIPTION:

The Model 107 Power Supply is a series-pass type regulator. It utilizes silicon semiconductors throughout in order to minimize any effects due to temperature variations. Short circuit protection is provided for the power transformer's primary and for the regulator's output. Although the Model 107 is rated for continuous duty, it is preferable to turn it off when not in actual use.

The Model 107 Power Supply is designed specifically for use with Regency's HR-2 and VHF Marine transceivers. The DC cable has the proper mating socket for easy connections to a HR-2 or Marine transceiver.

NOTE: Do NOT plug this cable into any of Regency's TMR receivers. The TMR series of radios utilizes the same power connector, but it is wired differently. Thus, serious damage could possibly result if the Model 107 was connected to a TMR receiver.

TECHNICAL DATA:

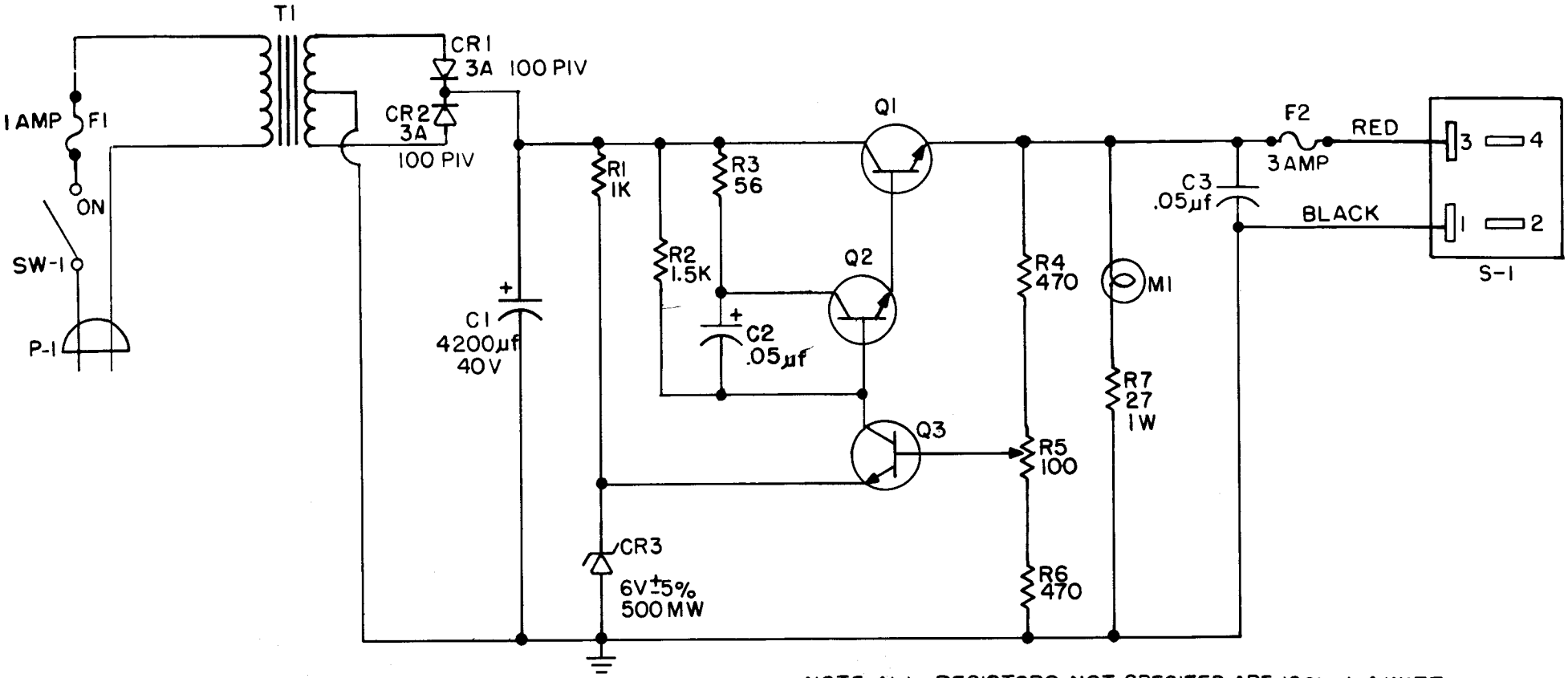
Input	117 VAC, 60 CPS;	@ .15 amp, 18 watts - Power Supply only.
		@ .20 amp, 23 watts - receive-squelched.
		@ .30 amp, 35 watts - receive-max. audio.
		@ .68 amp, 80 watts - transmit.

Output: 13.6 VDC, regulated @ 3 amperes, maximum.

Fuses: Primary - 1 amp; 3AG 125V

DC Output - 3 amp; 3AG 25V minimum.

Circuit Schematic: See other side of this sheet.



NOTE: ALL RESISTORS NOT SPECIFED ARE 10%, 1/4 WATT.