

262

VOLTAGE-REFERENCE TUBE

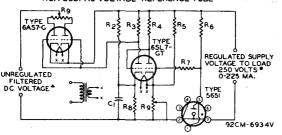
MINIATURE GLOW-DISCHARGE TYPE

DATA
<u>DATA</u>
General: Cathode
Connection —Do Not Use —Do Not Use Pin 4 - Cathode Maximum Ratings, Absolute Values:
DC OPERATING CURRENT (Continuous) 3.5 max. ma AMBIENT TEMPERATURE RANGE55 to +90 °C
Characteristics and Operation Range Values:
Min. Av. Max. DC Starting Voltage. - 107 115* . volts
DC Operating Voltage
DC Operating Current 1.5 - 3.5 ma Regulation (1.5 ma. to 3.5 ma.) 3 volts
DC Operating Current



VOLTAGE-REFERENCE TUBE

SERIES TYPE OF STABILIZED VOLTAGE SUPPLY USING RCA-5651 AS VOLTAGE-REFERENCE TUBE



565)

- R₅ = 12000 ohms, 2 watts R₅ = 68000 ohms, 1 watt R₇ = 15000 ohms, 2 watts R₉ = 0utput voltage control potentiometer, 10000 ohms
- 375 volts approx. at zero load current; 325 volts approx. at 225 milliamperes load current.
- The voltage regulation of this supply operated at a fixed line voltage of 117 volts and an output voltage of 250 volts is less than 0.2 volt over the current range of 0 to 225 milliamperes. At full current, the regulation for a variation of ± 10 per cent in line voltage is less than 0.1 volt. Socket connections for the 551 are made so that removal of the 5651 from its socket opens the load.