

#87  
SVT16

CHARACTERISTIC DATA SHEET  
RAYTHEON "G" TYPE TUBE

DUPLEX-DIODE TRIODE  
(Uni-Potential Cathode Type)

HEATER RATING

Heater Voltage	6.5	volts
Heater Current	0.3	ampere

DIRECT INTERELECTRODE CAPACITANCES

Grid to Plate	1.5	$\mu\text{lf}$
Input	1.5	$\mu\text{lf}$
Output	4.3	$\mu\text{lf}$

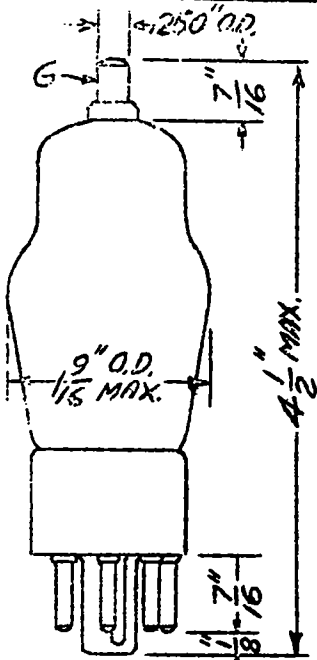
OPERATING CONDITIONS AND CHARACTERISTICS

AMPLIFIER - Class A

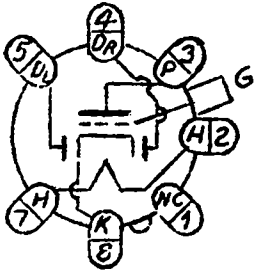
Plate	135	180	250	volts
Grid	-10.5	-13.5	-20	volts
Ampli. Factor	8.3	10.4	8.3	
Plate Resis.	11000	9700	7500	ohms
Mutual Cond.	750	1050	1100	$\mu\text{mhos}$
Plate Current	3.7	6	8	m. a.
Load Resis.	25000	20000	20000	ohms
Power Output	75	160	350	m. w.

DIODE UNITS (Two)

The two diode units are independent of each other and the triode section except for the common cathode. The diode units may be used either as a half wave or as a full wave rectifier or as a half wave rectifier with the other unit used for delayed AVC.



7 PRONG SMALL OCTAL  
SHELL BASE



VIEW LOOKING ON TOP OF SOCKET  
RMA BASE CONN #7V

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