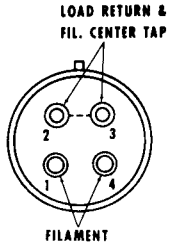
HALF-WAVE RECTIFIER TUBE

(Tentative Data)

TANTALUM ANODE AND XENON GAS FILLING

Maximum Rated Anode Current	
D-c. Meter Value-Continuous	2.5 amps
D-c. Meter Value-Overload less than 10 sec.	3.7 amps
Averaging Time	7 secs
Oscillograph Peak-Continuously recurring	20 amps
Max. Instantaneous Short Circuit Current (0.1 sec.)	300 amps
Peak Inverse Voltage (Max. Instantaneous)	920 volts
Max. Commutation Factor (V/usec x A/usec)	0.66
Filament	
Voltage	2.5 volts
Current	9±2 amps
Heating Time (minimum)	30 secs
Average Arc Drop	
Average Tube	9 volts
Highest Tube at end of life	12 volts
Anode Starting Voltage (Instantaneous)	
Average Tube	12 volts
Highest Tube	30 volts
Ambient Temperature Limits	-55° to +75° C
Mounting Position	Any
Overall Dimensions	1-9/16 x 5-1/2" max.
Weight	3 ozs.
Connections	Metal medium 4-pin bayonet base A4-10
Anode	C1-5 cap at top (0.56" dia.)



BOTTOM VIEW
OF BASE

The filament must be lit before drawing d-c. load current.

The anode is designed to operate at red heat when under full load.

All of the above values are for returns to the filament center tap.

The Engineering Manual contains additional information which should be considered in the circuit design.

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