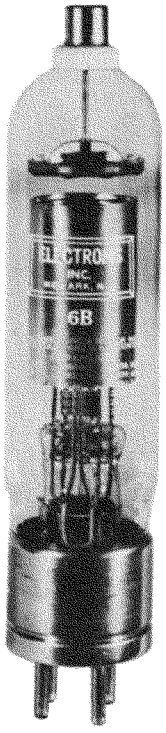
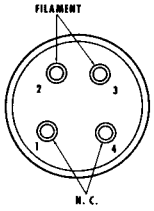


HALF-WAVE RECTIFIER TUBE

TANTALUM ANODE AND XENON GAS FILLING

Maximum Rated Anode Current	
D-c. Meter Value-Continuous	6.4 amps
D-c. Meter Value-Overload less than 10 sec.	12.8 amps
Averaging Time	7 secs
Oscillograph Peak-Continuously recurring	40 amps
Max. Instantaneous Short Circuit Current (0.1 sec.)	770 amps
Peak Inverse Voltage (Max. Instantaneous)	920 volts
Max. Commutation Factor (V/usec x A/usec)	0.66
Filament	
Voltage	2.5 volts
Current	21±2 amps
Heating Time (minimum)	60 secs
Average Arc Drop	
Average Tube	9 volts
Highest Tube	12 volts
Anode Starting Voltage (Instantaneous)	
Average Tube	12 volts
Highest Tube	30 volts
Ambient Temperature Limits	-55° to +75° C
Overall Dimensions	2-1/32" x 9" Max.
Weight	6 ozs.
Connections	
Filament	Metal industrial base A4-81
Anode	C1-5 cap (0.56" dia.) with ceramic insulator



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 transformer center tap. Filament pin #2 should be negative with respect to pin #3 during the anode conduction period.

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

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