GRID CONTROL RECTIFIER TUBE

Xenon Gas Filling

Maximum Rated Anode Current
D-c. Meter Value-Continuous
D-c. Meter Value-Overload less than 3 sec.
Averaging Time
Oscillograph Peak-Continuously recurring
Peak Forward Voltage (Max. Instantaneous)
Peak Inverse Voltage (Max. Instantaneous)
Max. Commutation Factor (V/sec x A/usec)

Filament
Voltage
Current
Heating Time (minimum)

Average Arc Drop
Average Tube
Highest Tube

Anode Starting Voltage @ +3V d-c grid voltage
Average Tube
Highest Tube

Max. Anode Reverse Current

Grid Characteristics
Critical Grid Voltage @ 1000 p.f.v.
Critical Grid Current
Grid-Anode Capacitance
Grid-Filament Capacitance

Maximum Negative Grid Voltage
Deionization Time
Max. Peak A-c Fault Current
(Max. duration 0.1 sec.)
Ambient Temperature Limits
Overall Dimensions
Weight

Connections
Filament and Grid
Anode

Lug type 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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