627

THYRATRON

MERCURY-VAPOR TRIODE

DATA

Electrical:

Filament:		
Voltage*	2.5	volts
Current	6.0	amp
Direct Interelectrode Capacitance:		
Anode to Grid (Approx.)	2.5	μμf
Peak Voltage Drop	12	volts
Control Characteristic	Negative	
Ionization Time (Approx.)	10	μseconds
Deionization Time (Approx.)	1000	μseconds

Mechanical:

Mounting Position	Vertical, Base Down
Overall Length	6-3/8" ± 1/4"
Seated Length	6" ± 1/4"
Maximum Diameter	2-1/16"
Bulb	S-19
Cap	Medium Metal
Base	Small Shell Super-Jumbo 4-Pin

Maximum Ratings, Absolute Values:
For frequencies up to 150 cycles

PEAK FORWARD ANODE VOLTAGE	1250 max.	volts
PEAK INVERSE ANODE VOLTAGE	2500 max.	volts
PEAK GRID VOLT. (Before Conduction)	-500 max.	volts
PEAK ANODE CURRENT	2.5 max.	amp
AVERAGE ANODE CURRENT**	0.64 max.	amp
SURGE ANODE CURRENT for 0.1 sec. max.	25 max.	amp
GRID CURRENT, Before Conduction (Grid Neg.)	4 max.	μamp
PEAK GRID CURRENT	0.25 max.	amp
AVERAGE GRID CURRENT**	0.06 max.	amp
COND.-MERCURY TEMPERATURE RANGE ▲	25-70	°C

* Filament voltage must be applied at least 10 seconds before start of tube conduction.

** Averaged over any 30-second interval.

▲ Recommended Condensed-Mercury Temperature 40 to 45°C.

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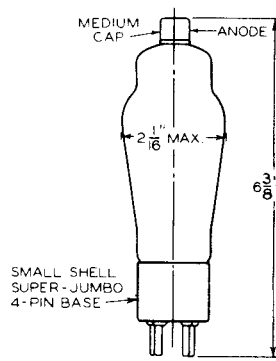

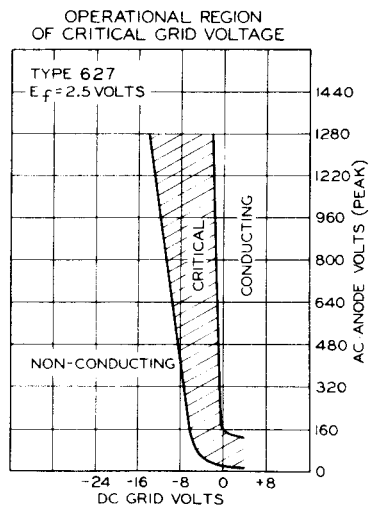

TUBE DIVISION
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