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THYRATRON

MERCURY-VAPOR TRIODE

DATA**Electrical:****Filament:**

Voltage*	2.5	volts
Current	6.0	amp

Direct Interelectrode Capacitance:

Anode to Grid (Approx.)	2.5	μuf
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Peak Voltage Drop	12	volts
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Control Characteristic . Negative

Ionization Time (Approx.)	10	μseconds
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Deionization Time (Approx.)	1000	μseconds
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Mechanical:

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

For frequencies up to 150 cycles

PEAK FORWARD ANODE VOLTAGE	1250 max.	volts
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PEAK INVERSE ANODE VOLTAGE	2500 max.	volts
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PEAK GRID VOLT. (Before Conduction)	-500 max.	volts
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PEAK ANODE CURRENT	2.5 max.	amp
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AVERAGE ANODE CURRENT**	0.64 max.	amp
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SURGE ANODE CURRENT for 0.1 sec. max.	25 max.	amp
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GRID CURRENT, Before Conduction(Grid Neg.)	4 max.	μamp
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PEAK GRID CURRENT	0.25 max.	amp
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AVERAGE GRID CURRENT**	0.06 max.	amp
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COND.-MERCURY TEMPERATURE RANGE ▲	25-70	°C
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* Filament voltage must be applied at least 10 seconds before start of tube conduction.

** Averaged over any 30-second interval.

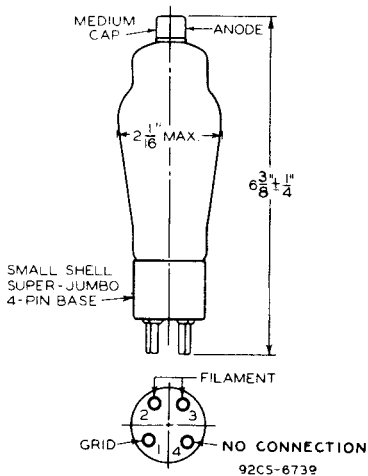
▲ Recommended Condensed-Mercury Temperature 40 to 45°C.

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OPERATIONAL REGION OF CRITICAL GRID VOLTAGE

