



6AF6-G

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ELECTRON-RAY TUBE TWIN-INDICATOR TYPE

Heater	Coated Unipotential Cathode		
Voltage	6.3	a-c or d-c volts	
Current	0.15	amp.	
Overall Length	2-1/4"	{ +1/16"	←
		{ -1/4"	
Seated Height	1-11/16"	{ +1/16"	←
		{ -1/4"	
Maximum Diameter		1-5/16"	
Bulb		T-9	
Base		Intermed. Sh. Octal 7-Pin	
Pin 1 - No Connection	④ ⑥	Pin 4 - Ray-Control	
Pin 2 - Heater	③	Electrode, Unit No. 1	
Pin 3 - Ray-Control	②	Pin 5 - Target	
Electrode, Unit No. 2	① ⑦	Pin 7 - Heater	
	⑧ ⑩	Pin 8 - Cathode	



Mounting Position BOTTOM VIEW (7AG) Any**

Maximum and Minimum Ratings Are Design-Center Values

INDICATOR SERVICE

Target Voltage	{ 250 max.	volts	←
	{ 125 min.	volts	←
Ray-Control Electrode Supply Voltage	250 max.	volts	←
D-C Heater-Cathode Potential	90 max.	volts	←

Typical Operation:

Target Voltage	125	250	volts
Series Resistor [□]	0.5	1.0	megohm
Target Current*	0.65	2.2	ma.
Ray-Control Electrode Voltage †	80	160	approx. volts
Ray-Control Electrode Voltage ††	0	0	approx. volts

** The plane of the ray-control electrodes passes through pins No. 3 and No. 7.

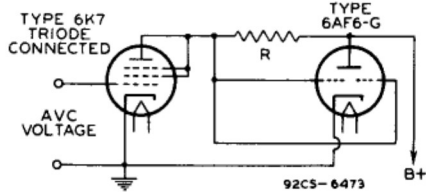
[□] Designated R in circuit diagram below.

* With 0 volts on ray-control electrodes. Subject to wide variations.

† For shadow angle of 0° produced by either ray-control electrode.

†† For shadow angle of 95° produced by either ray-control electrode.

TYPICAL CIRCUIT USING TYPE 6AF6-G WITH RAY-CONTROL ELECTRODES IN PARALLEL



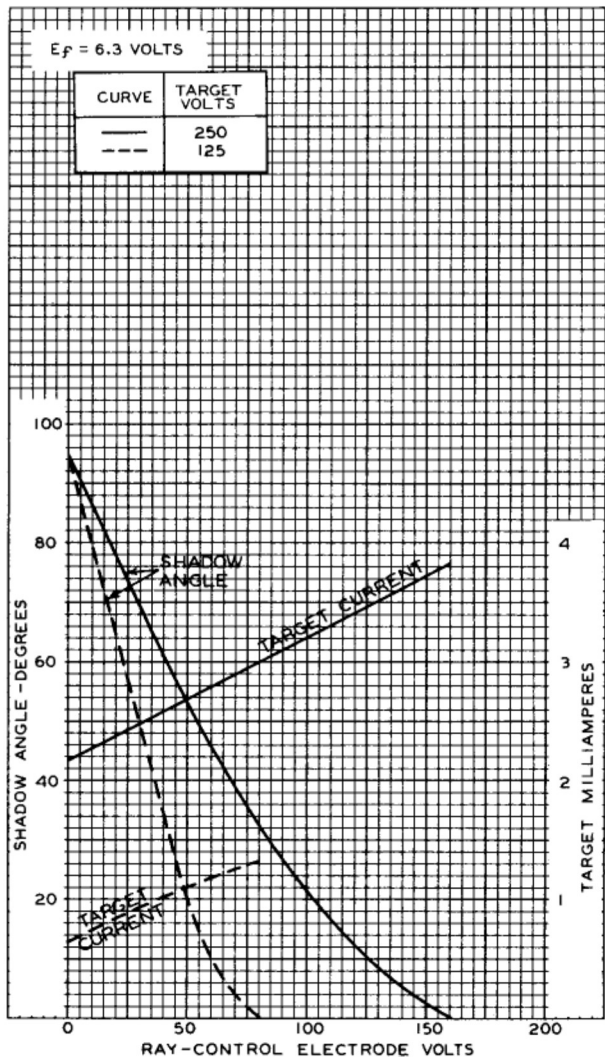
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AVERAGE CHARACTERISTICS



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RCA VICTOR DIVISION
RADIO CORPORATION OF AMERICA, HARRISON, NEW JERSEY

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