

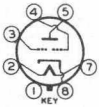


6AF6-G

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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		Pin 4 - Ray-Control Electrode, Unit No. 1
Pin 2 - Heater		Pin 5 - Target
Pin 3 - Ray-Control Electrode, Unit No. 2		Pin 7 - Heater
		Pin 8 - Cathode

Mounting Position BOTTOM VIEW (7AG) Any**

Maximum and Minimum Ratings Are Design-Center Values

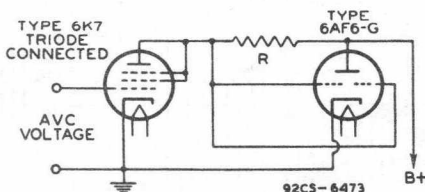
INDICATOR SERVICE

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 $\square$	0.5	1.0 megohm
Target Current*	0.65	2.2 ma.
Ray-Control Electrode Voltage $\uparrow$	80	160 approx. volts
Ray-Control Electrode Voltage $\uparrow\uparrow$	0	0 approx. volts

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

 $\square$ Designated R in circuit diagram below.

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

 $\dagger$ For shadow angle of 0° produced by either ray-control electrode. $\dagger\dagger$ For shadow angle of 95° produced by either ray-control electrode.**TYPICAL CIRCUIT USING TYPE 6AF6-G
WITH RAY-CONTROL ELECTRODES IN PARALLEL**

The license extended to the purchaser of tubes appears in the License Notice accompanying them. Information contained herein is furnished without assuming any obligations.

← Indicates a change.

DEC. 15, 1944

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

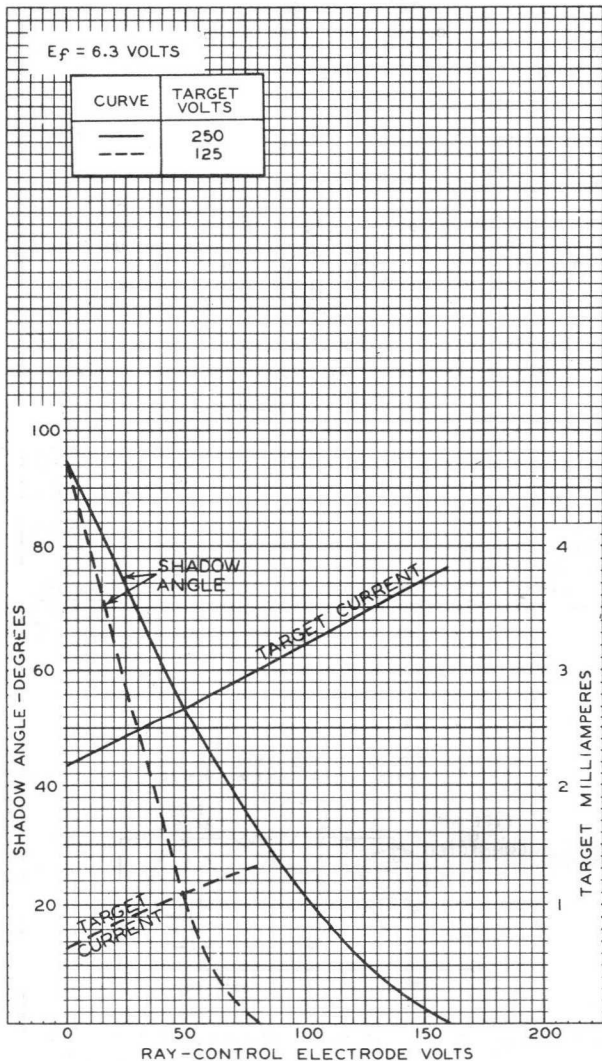
DATA

6AF6-G



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AVERAGE CHARACTERISTICS



SEPT. 25, 1944

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92CM-4909R1