



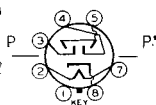
6AD6-G

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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.
Maximum Overall Length		2-7/8"
Maximum Seated Height		2-5/16"
Maximum Diameter		1-5/16"
Bulb		T-9
Base	Intermediate Shell Octal 7-Pin	
Pin 1 - No Connection		Pin 4 - Ray-Control Electrode, Unit #1
Pin 2 - Heater		Pin 5 - Target
Pin 3 - Ray-Control Electrode, Unit #2		Pin 7 - Heater
		Pin 8 - Cathode



Mounting Position BOTTOM VIEW (G-7AG) Any[◊]

INDICATOR SERVICE

Target Voltage		150 max.	volts
<i>Typical Operation:</i>			
Target Voltage	100	150	volts
Target Current ^{*†}	1.5	3	ma.
Target Current ^{**†}	1.0	2	ma.
Target Current ^{***†}	0.8	1.2	ma.
Ray-Control Electrode Voltage [*]	45	75	<u>approx. volts</u>
Ray-Control Electrode Voltage ^{**}	0	8	<u>approx. volts</u>
Ray-Control Electrode Voltage ^{***}	-23	-50	<u>approx. volts</u>

[■] In circuits where the cathode is not directly connected to the heater, the potential difference between heater and cathode should be kept as low as possible.

^{*} For shadow angle of 0° produced by either ray-control electrode.

^{**} For shadow angle of 90° produced by either ray-control electrode.

^{***} For shadow angle of 135° produced by either ray-control electrode.

[†] Subject to wide variation.

[◊] The plane of the ray-control electrodes passes through the line PP' on the socket connection diagram.

The circuit under Type 6AP6-G also applies to the 6AD6-G.