



AMPLIFIER TRIODE

Heater Coate	d Unipotential Catho	de
Voltage	6.3	a-c or d-c volts
Current	0.3	amp.
Direct Interelectrode	Capacitances: 0	
Grid to Plate	3. 6	рµf
Grid to Cathode	2.2	μμf
Plate to Cathode	0.7	μμf
Overall Length		3-1/8" ± 1/8"
Seated Height		2-9/16" ± 1/8"
Maximum Diameter		1-5/16"
Bulb		T-9
Caps (two RCA No.3947)		Skirted Miniature
Base	Intermediate	Shell Octal 8-Pin
Mounting Position		Any
Marinum Rati	ngs Are Design-Cente	er Values

Design-Center Values

AMPLIFIER

Plate Voltage	300 [●] max.	volts
Plate Dissipation	3.3 max.	watts
Characteristics - Class A, Ampli.	fier:	
Plate Voltage	300	volts
Grid Voltage *	-10.5	volts
Amplification Factor	20	
Plate Resistance	6600	ohms
Transconductance	3000	µmhos
Plate Current	11	ma.

- 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. With no external shield. This value is for Continuous Commercial Service (CCS). In Intermitent Commercial and Amateur Service (ICAS), the plate voltage may be as high as 500 volts maximum, but the maximum plate dissipation remains unchanged. mains unchanged.

 * Under maximum rated conditions, the resistance in the grid circuit

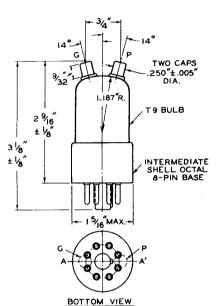
should not exceed 1.0 megohm.

The approximate resonant frequency of the input (grid-cathode) circuit is 335 megacycles.





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NOTE:

THE PLANE PASSING THROUGH THE CENTER OF EITHER CAP, PERPENDICULAR TO AND THROUGH THE CENTER OF THE BOTTOM OF THE BASE, SHALL NOT DEVIATE MORE THAN ±5° FROM THE LINE A A'THROUGH BASE PLUG AXIS AND KEY CENTER.

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BOTTOM VIEW OF SOCKET CONNECTIONS



Pin 1 - No Connection Pin 2 - Heater
Pin 3 - No Connection
Pin 4 - No Connection
Pin 5 - No Connection
Pin 6 - No Connection

Pin 7 - Heater

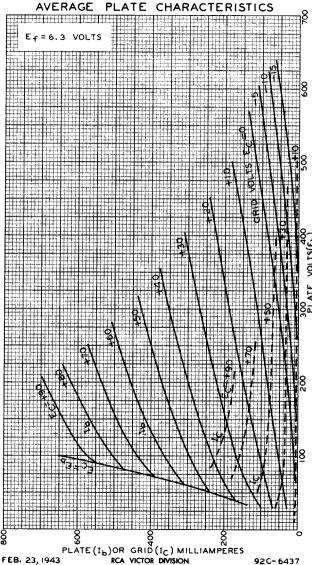
Pin 8 - Cathode Cap above Pins 1 & 8 - Plate Cap above Pins # & 5 - Grid

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AVERAGE PLATE CHARACTERISTICS

