

RADIOTRON

1J6-G

CLASS B TWIN AMPLIFIER

1J6-G

Filament	Coated	
Voltage	2.0	d-c volts
Current	0.24	amp.
Maximum Overall Length		4-1/8"
Maximum Seated Height		3-9/16"
Maximum Diameter		1-9/16"
Bulb		ST-12
Mounting Position	Vertical, Base Down	
Base	Small Shell Octal 8-Pin	
Pin 1-No Connection	Pin 5-Grid (T_1)	
Pin 2-Filament +	Pin 6-Plate (T_1)	
Pin 3-Plate (T_2)	Pin 7-Filament -	
Pin 4-Grid (T_2)	Pin 8-No Connection	



BOTTOM VIEW (G-7AB)

(for convenience, one triode unit is identified as T_1 , the other as T_2)

Maximum Ratings are Design-Centre Values.

CLASS B (AUDIO FREQUENCY) POWER AMPLIFIER.

Plate Voltage	135	max.	volts
Peak Plate Current (per plate)	50	max.	mA.
Typical Operation:			
Filament Voltage	2.0	2.0	2.0
Plate Voltage	135	135	135
Grid Voltage	-4.5	-4.5	-4.5
Zero-Sig. Plate Cur. (total)	1.4	1.4	1.4
Max. Sig. Plate Cur. (total)	13.8	18.0	24.5
Effective Load Res. (plate to plate)	20000	15000	10000
Peak A-F Grid-to-Grid Voltage	42	60	66
Average Power Input*	38	90	120
Power Output	1.0	1.25	1.6

R-F POWER AMPLIFIER AND OSCILLATOR - CLASS C.

Maximum Ratings on Request.

- ◊ Horizontal operation permitted if pins 1 and 4 are in vertical plane.
- * Applied between grids to give indicated value of power output.
- # One type 1K5-C, connected as a triode, may be used as a driver under the following conditions:- Plate volts 135, grid volts -4.5, plate current 3.5 mA., driver transformer ratio 2.2:1 primary to half-secondary.

← Indicates a change.

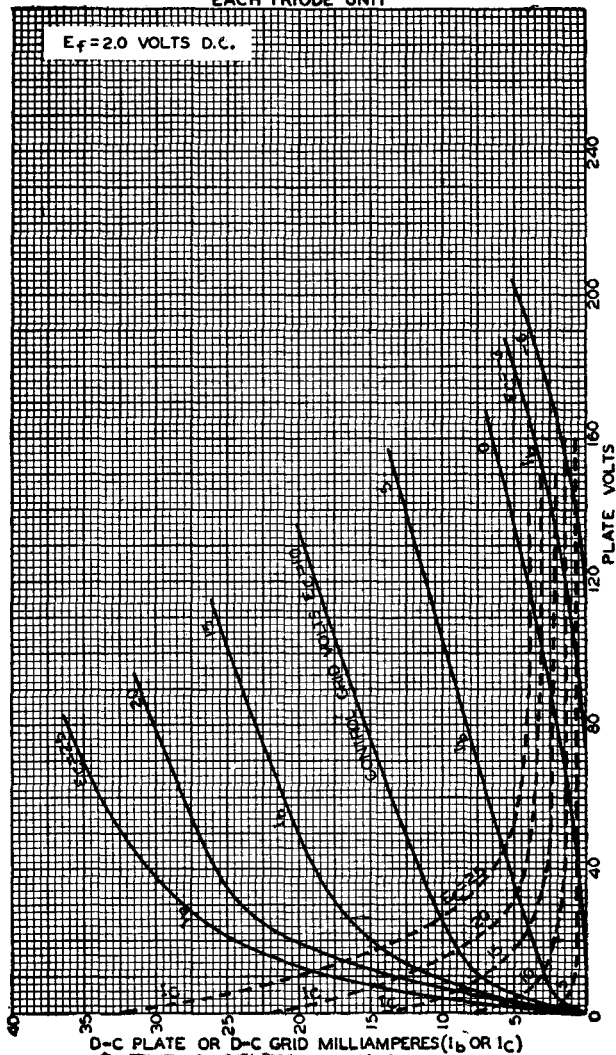
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AVERAGE PLATE CHARACTERISTICS EACH TRIODE UNIT

$E_f = 2.0$ VOLTS D.C.



92C-4882