



IC5-GT



IC5-GT/IC5-G

## POWER AMPLIFIER PENTODE

Filament	Coated	
Voltage	1.4	d-c. volts
Current	0.10	amp.
Maximum Overall Length		3-5/16"
Maximum Seated Height		2-3/4"
Maximum Diameter		1-5/16"
Bulb		T-9
Base	Intermediate Shell Octal	7-Pin
Pin 1 - No Connection		Pin 5 - Grid
Pin 2 - Filament +		Pin 7 - Filament -
Pin 3 - Plate		Pin 8 - No Connection
Pin 4 - Screen		
Mounting Position		Any



BOTTOM VIEW (G-6X)

AMPLIFIER

Plate Voltage		110 max.	volts
Screen Voltage		110 max.	volts
Total Zero-Sig. Cathode Current		12 max.	ma.
<i>Typical Operation and Characteristics - Class A<sub>1</sub> Amplifier:</i>			
Plate	83	90	volts
Screen	83	90	volts
Grid *	-7.0	-7.5	volts
Peak A-F Grid Volt.	7.0	7.5	volts
Zero-Sig. Plate Cur.	7.0	7.5	ma.
Max.-Sig. Plate Cur.	7.3	7.8	ma.
Zero-Sig. Screen Cur.	1.6	1.6	ma.
Max.-Sig. Screen Cur.	3.5	3.5	ma.
Plate Res.	110000	115000	<u>approx. ohms</u>
Transcond.	1500	1550	<u>umhos</u>
Load Res.	9000	8000	ohms
Total Harmonic Dist.	10	10	%
Max.-Sig. Power Output	200	240	mw

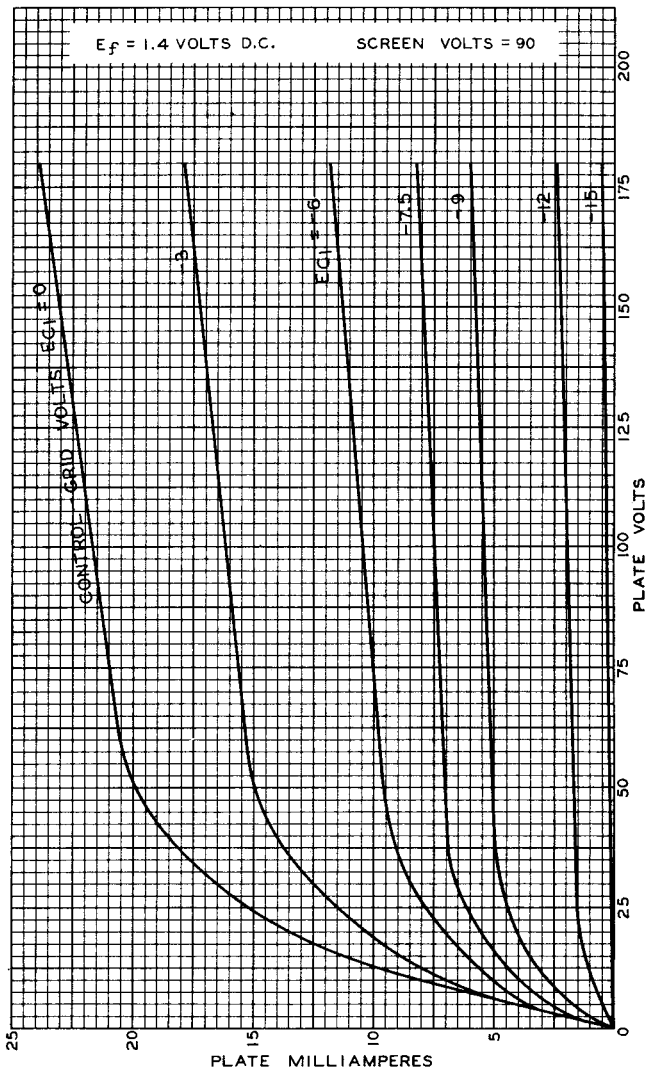
\* Self-bias is recommended so that grid bias will be proportionately less as the B-supply voltage falls off during battery life.

1C5-GT



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### AVERAGE PLATE CHARACTERISTICS



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RCA RADIOTRON DIVISION  
RCA MANUFACTURING COMPANY, INC.

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