



IP5-GT



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## SUPER-CONTROL R-F AMPLIFIER PENTODE

Filament	Coated	
Voltage	1.4	d-c volts
Current	0.05	amp.
Direct Interelectrode Capacitances: <sup>o</sup>		
Grid to Plate		0.007 max. $\mu\text{f}$
Input		3.0 $\mu\text{f}$
Output		10 $\mu\text{f}$
Maximum Overall Length		3-5/16"
Maximum Seated Height		2-3/4"
Maximum Diameter		1-5/16"
Bulb		T-9
Cap	Skirted Miniature-Style C	
Base	Small Wafer Octal 7-Pin, Sleeve	
Pin 1 - Base Sleeve		Pin 5 - No Connection
Pin 2 - Filament +		Pin 7 - Filament -
Pin 3 - Plate		Pin 8 - No Connection
Pin 4 - Screen		Cap - Grid
Mounting Position		Any



BOTTOM VIEW (GT-5Y)

AMPLIFIER

Plate Voltage	110 max. volts
Screen Voltage	110 max. volts
<i>Typical Operation and Characteristics-Class A<sub>1</sub> Amplifier:</i>	
Plate	90 volts
Screen	90 volts
Grid	0 volts
Plate Res. (approx.)	0.8 megohm
Transcond.	750 $\mu\text{mhos}$
Grid Bias for Transcond. of 10 $\mu\text{mhos}$ (approx.)	-12 volts
Plate Cur.	2.3 ma.
Screen Cur.	0.7 ma.

<sup>o</sup> With close-fitting shield connected to negative filament terminal.

May 1, 1941

RCA RADOTRON DIVISION  
RCA MANUFACTURING COMPANY, INC.

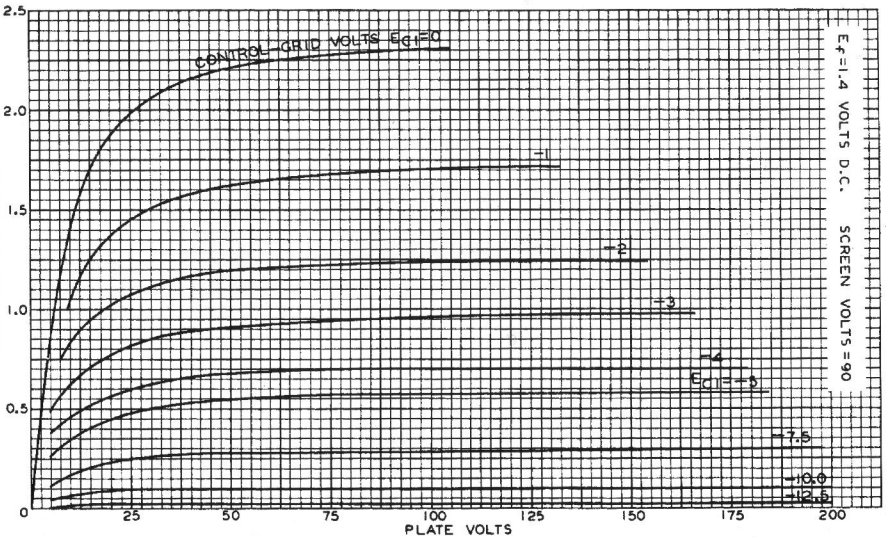
TENTATIVE DATA

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## AVERAGE PLATE CHARACTERISTICS

 $E_f = 1.4$  VOLTS D.C. SCREEN VOLTS = 90


APR. 24, 1941

 RCA RADIODIODE DIVISION  
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