

# RADIOTRON

## 1P5-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>0</sup>

Grid to Plate	0.007 max. $\mu$ f	←
Input	3.0 $\mu$ f	←
Output	10 $\mu$ f	←

Maximum Overall Length	3-15/32"	←
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Maximum Seated Height	2-29/32"	←
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Maximum Diameter	1-5/16"	
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Bulb	T-9	
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Cap	Skirted Miniature-Style C	
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Base	Intermediate Shell Octal 7-Pin	
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Pin 1 - Base Sleeve  
Pin 2 - Filament +  
Pin 3 - Plate  
Pin 4 - Screen



Pin 5 - No Connection  
Pin 7 - Filament -  
Pin 8 - No Connection  
Cap - Grid

Mounting Position	Any	
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BOTTOM VIEW (GT-5Y)

#### AMPLIFIER

Plate Voltage	110 max. volts	←
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Screen Voltage	110 max. volts	←
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Typical Operation and Characteristics - Class A<sub>1</sub> Amplifier:

Plate	90	volts
Screen	90	volts
Grid	0	volts
Plate Res. (approx.)	0.8	megohm
Transcond.	800	$\mu$ hos
Grid Bias for Transcond. of 10 $\mu$ hos (approx.)	-12	volts
Plate Cur.	2.3	ma.
Screen Cur.	0.7	ma.

<sup>0</sup> With close-fitting shield connected to negative filament terminal.

The filament voltage should preferably be maintained within the limits of 1.25 and 1.4 volts. Under no circumstances should the filament voltage exceed, even temporarily, 1.54 volts.

← Indicates a change.