

6F5  
6F5-GT

# 6F5, 6F5-GT HIGH-MU TRIODE

## GENERAL DATA

### Electrical:

Heater, for Unipotential Cathode:

Voltage. . . . . 6.3 . . . . . ac or dc volts

Current. . . . . 0.3 . . . . . amp

Direct Interelectrode Capacitances (Approx.):

	6F5 <sup>o</sup>	6F5-GT <sup>oo</sup>	
Grid to Plate. . . . .	2.4	2.8 . . .	$\mu\mu\text{f}$
Grid to Cathode. . . . .	5.5	2.2 . . .	$\mu\mu\text{f}$
Plate to Cathode . . . . .	4.0	3.2 . . .	$\mu\mu\text{f}$

<sup>o</sup> With shell connected to cathode.

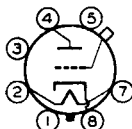
<sup>oo</sup> With no external shield.

### Mechanical:

Mounting Position. . .	Any	Any
Maximum Overall Length	3-1/8"	3-5/16"
Seated Length. . . . .	2-7/16" $\pm$ 1/8"	2-5/16"—2-3/4"
Maximum Diameter . . .	1-5/16"	1-5/16"
Bulb . . . . .	Metal Shell, MTT8A	T-9
Cap . . . . .	Miniature	Miniature
Base . . . . .	Small-Wafer Octal 7-Pin	Intermed. Shell Octal 7-Pin
Basing Designation .	5M <sub>1</sub>	G-5M <sub>1</sub>

BOTTOM VIEW

Pin 1 { 6F5, Shell  
6F5-GT, No  
Connection  
Pin 2 - Heater  
Pin 3 - No  
Connection



Pin 4 - Plate  
Pin 5 - No  
Connection  
Pin 7 - Heater  
Pin 8 - Cathode  
Cap - Grid

*Maximum Ratings and Characteristics for the 6F5 and 6F5-GT are the same as shown for Type 6SF5. Typical Operating Conditions are shown in the RESISTANCE-COUPLED AMPLIFIER CHART at front of this Section.*

Curve under Type 6SF5 also applies to the 6F5 and 6F5-GT.

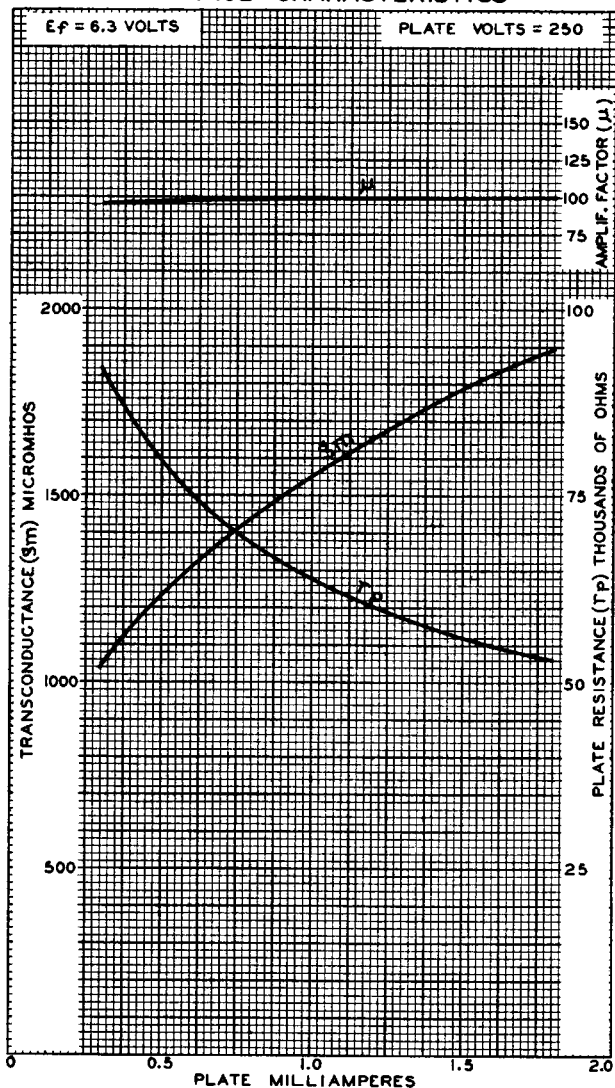
←Indicates a change.

6F5



6F5

## AVERAGE CHARACTERISTICS



SEPT. 4, 1935

TUBE DEPARTMENT  
 RADIO CORPORATION OF AMERICA, HARRISON, NEW JERSEY

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