



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

6F5  
6F5-GT

## GENERAL DATA

### Electrical:

Heater, for Unipotential Cathode:

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

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

Direct Interelectrode Capacitances (Approx.):

|                            | 6F5 <sup>0</sup> | 6F5-GT <sup>00</sup> |
|----------------------------|------------------|----------------------|
| Grid to Plate. . . . .     | 2.4              | 2.8 . . . μμf        |
| Grid to Cathode. . . . .   | 5.5              | 2.2 . . . μμf        |
| Plate to Cathode . . . . . | 4.0              | 3.2 . . . μμf        |

<sup>0</sup> With shell connected to cathode.

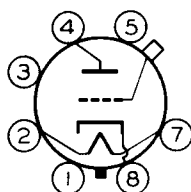
<sup>00</sup> With no external shield.

### Mechanical:

|                        |                    |                   |
|------------------------|--------------------|-------------------|
| Mounting Position. . . | Any                | Any               |
| Maximum Overall Length | 3-1/8"             | 3-5/16"           |
| Seated Length. . . . . | 2-7/16" ± 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        | Intermed. Shell   |
|                        | Octal 7-Pin        | 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.

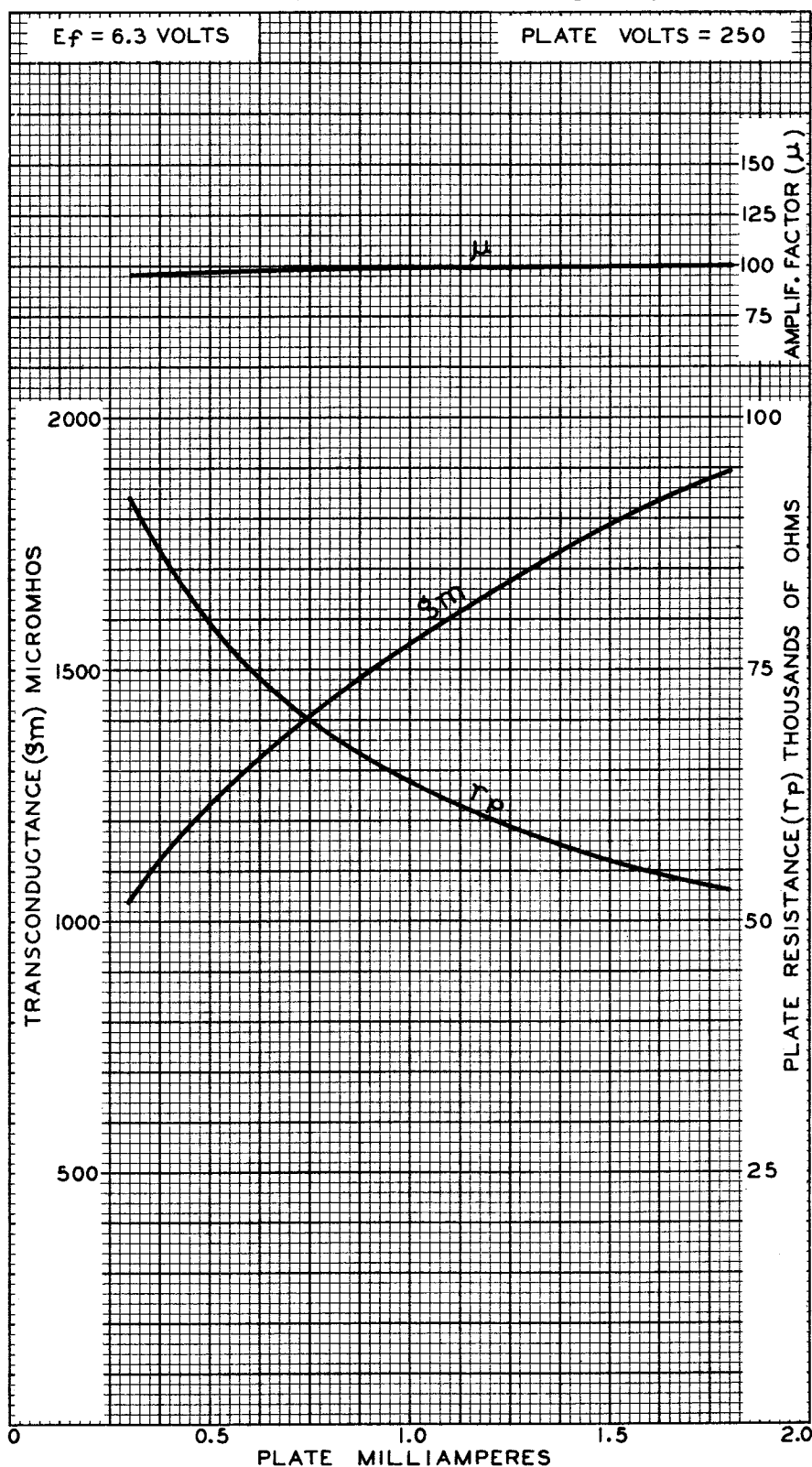
← Indicates a change.

6F5



6F5

## AVERAGE CHARACTERISTICS



SEPT. 4, 1935

TUBE DEPARTMENT  
RADIO CORPORATION OF AMERICA, HARRISON, NEW JERSEY

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