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.):

<table>
<thead>
<tr>
<th>Component</th>
<th>6F5</th>
<th>6F5-GT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grid to Plate</td>
<td>2.4</td>
<td>2.8</td>
</tr>
<tr>
<td>Grid to Cathode</td>
<td>5.5</td>
<td>2.2</td>
</tr>
<tr>
<td>Plate to Cathode</td>
<td>4.0</td>
<td>3.2</td>
</tr>
</tbody>
</table>

With shell connected to cathode.
Without external shield.

Mechanical:

Mounting Position ... 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
Basing Designation . Octal 7-Pin Octal 7-Pin
                      5M1         G-5M1

BOTTOM VIEW

Pin 1: 6F5, Shell
Connection

Pin 4: Plate
Connection

Pin 2: Heater

Pin 5: No
Connection

Pin 7: Heater

Pin 3: No
Connection

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.

JUNE 20, 1947
TUBE DEPARTMENT
RADIO CORPORATION OF AMERICA, HARRISON, NEW JERSEY