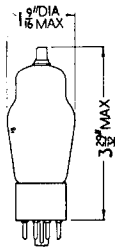
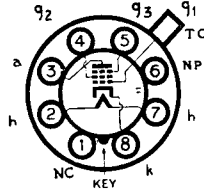


Replacement Types

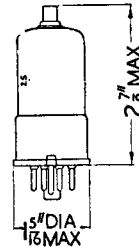
## TYPES 6K7G, 6K7GT (OCTAL BASE)



6K7G.



Note.—Type 6K7GT has Pin 1 connected to metal shell.



6K7GT.

## VARI-MU R.F. PENTODES

The BRIMAR types 6K7G, 6K7GT are indirectly heated pentodes of the vari-mu (remote cut-off) type for use in the R.F. or I.F. stages of radio equipment.

### RATINGS

Heater Voltage	...	...	...	...	...	6.3 volts
Heater Current	...	...	...	...	...	0.3 amp.
Anode Voltage	...	...	...	...	...	300 volts max.
Anode Dissipation	...	...	...	...	...	2.75 watts max.
Screen ( $g_2$ ) Voltage	...	...	...	...	...	125 volts max.
Screen Dissipation	...	...	...	...	...	0.35 watts max.

### OPERATING CHARACTERISTICS

[Suppressor Grid ( $g_3$ ) connected to Cathode].

Anode Voltage	...	...	...	...	...	100	180	250	250	volts
Anode Current	...	...	...	...	...	9.5	4.0	7.0	10.5	mA
Screen Voltage	...	...	...	...	...	100	75	100	125	volts
Screen Current	...	...	...	...	...	2.7	1.0	1.7	2.6	mA
Control Grid ( $g_1$ ) Voltage	...	...	...	...	...	-1	-3	-3	-3	volts
Cathode Bias Resistor	...	...	...	...	...	-	600	330	220	ohms
Anode Impedance	...	...	...	...	...	0.15	1.0	0.8	0.6	meg.
Mutual Conductance	...	...	...	...	...	1.65	1.1	1.45	1.65	mA/V
Control Grid Voltage	...	...	...	...	...	-38	-32	-42	-52	volts

(For mutual conductance of .002 mA/V)

### INTER-ELECTRODE CAPACITANCES \*

	6K7G	6K7GT
Input	5	4.6 pF
Output	12	12 pF
Control Grid to Anode	0.007	0.005 pF max.

\* With close fitting shield connected to Cathode.