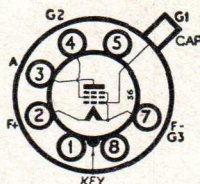
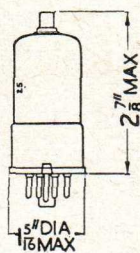


1N5G

Replacement Types TYPES 1N5G, 1N5GT (OCTAL BASE)



Note.—Type 1N5GT has Pin 1 connected to metal shell.



1N5GT

BATTERY R.F. PENTODES

BRIMAR types 1N5G and 1N5GT are identical with the exception of their overall dimensions and inter-electrode capacitances. Provided a screening can is employed in the receiver one type will replace the other without appreciable change in performance.

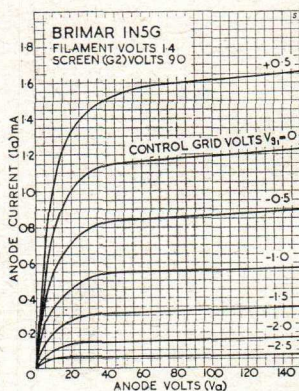
RATINGS

Filament Voltage	...	1.4 volts
Filament Current	...	0.05 amp.
Anode Voltage	...	110 volts max.
Screen (G2) Voltage	...	110 volts max.
Cathode Current	...	6.5 mA max.

CHARACTERISTICS

Anode Voltage	...	90 volts
Anode Current	...	1.2 mA
Screen Voltage	...	90 volts
Screen Current	...	0.3 mA
Control Grid (G1) Volt.	...	0 volts†
Anode Impedance	...	1.5 meg.
Mutual Conductance	...	0.75 mA/V
Mutual Conductance	...	0.005 mA/V††
Amplification Factor as a	...	
Triode (μ G1, G2)	...	27

†† With a control Grid Voltage of -4 volts.



RESISTANCE COUPLED OPERATION

Anode and Screen Supply Voltage	...	90 volts
Anode Load Resistor	...	0.5 meg.
Screen Series Resistor	...	2.2 meg.
Control Grid Resistor	...	1.0 meg. †
Peak Output	...	13 volts R.M.S.
Voltage Gain	...	28

† Control grid Resistor returned to Negative Filament Pin 7.

INTER-ELECTRODE CAPACITANCES*

	1N5G	1N5GT
Input (Control grid to all except Anode)	3.2	3.2 pF
Output (Anode to all except Control Grid)	11	10 pF
Grid to Anode	.007	.007 pF max.

* With external shield connected to Pin 7.