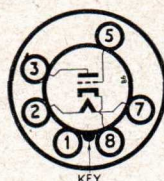


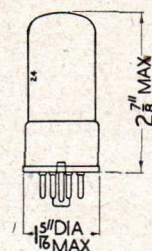
TYPES 6J5G, 6J5GT (OCTAL BASE)



6J5G.



Note.—Type 6J5GT has Pin 1 connected to metal shell.



6J5GT.

GENERAL PURPOSE TRIODES

The BRIMAR types 6J5G, 6J5GT are indirectly heated triodes of medium amplification factor for use as oscillators or amplifiers in electronic equipment. With the exception of their inter-electrode capacitances and overall dimensions types 6J5G and 6J5GT are identical.

RATINGS

Heater Voltage ...	...	...	...	...	6.3 volts
Heater Current...	...	...	...	...	0.3 amp.
Anode Voltage	...	...	...	...	300 volts max.
Anode Dissipation	...	...	...	...	2.5 watts max.
Cathode Current	...	...	...	...	20 mA max.

OPERATING CHARACTERISTICS

Anode Voltage	...	...	...	100	250	volts
Anode Current	...	...	...	10.6	9.0	mA
Control Grid Voltage	...	...	...	0	-8	volts
Anode Impedance	...	...	...	8,000	7,700	ohms
Mutual Conductance	...	...	...	2.5	2.6	mA/V
Amplification Factor	...	...	...	20	20	

OPERATION AS RESISTANCE COUPLED AMPLIFIER

Anode Supply Voltage	...	...	100	200	300	volts
Anode Load Resistor	...	...	0.1	0.1	0.1	meg.
Cathode Bias Resistor	...	...	4,000	3,000	2,500	ohms
Peak Output	...	...	17	34	56	volts
Voltage Gain	...	...	13	14	14	

INTER-ELECTRODE CAPACITANCES*

	6J5G	6J5GT	
Input (Control Grid to all except Anode)	...	3.8	4.2 pF
Output (Anode to all except Control Grid)	...	4.5	5.0 pF
Control Grid to Anode	...	4.0	5.0 pF

* With close fitting shield connected to Cathode.

For characteristic curves refer to type 6SN7GT.