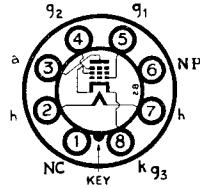


Replacement Type
TYPE 6F6G
 (OCTAL BASE)
POWER PENTODE



The BRIMAR type 6F6G is an indirectly heated output pentode suitable for use in A.C. and car radio equipment.

RATINGS

Heater Voltage	...	6.3 volts
Heater Current	...	0.7 amp.
Anode Voltage	...	375 volts max.
Anode Dissipation	...	11 watts max.
Screen (g_2) Voltage	...	285 volts max.
Screen Dissipation	...	3.75 watts max.

OPERATING CHARACTERISTICS CLASS "A"

	SINGLE VALVE		PUSH PULL (2 VALVES)	
Anode Voltage	250	285	315	volts
Anode Current	34	38	62	mA
Screen Voltage	250	285	285	volts
Screen Current (Zero Signal)	6.5	7.0	12	mA
Screen Current (Max. Signal)	9.7	12.0	18	mA
Control Grid (g_1) Voltage	-16.5	-20	-24	volts
Cathode Bias Resistor	410	440	320	ohms
Anode Impedance	80,000	78,000	-	ohms
Mutual Conductance	2.50	2.55	-	mA/V
Optimum Load	7,000	7,000	10,000*	ohms
Power Output	3.2	4.5	10.5	watts
Harmonic Distortion	8.0	9.0	3.0	per cent.

* Anode to Anode Load.

