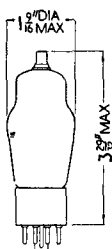


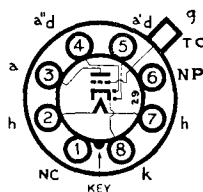
6R7G
6SC7GT



Replacement Type

TYPE 6R7G
(OCTAL BASE)

DOUBLE DIODE TRIODE



RATINGS

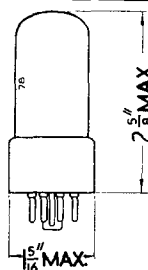
Heater Voltage	...	6.3 volts	Heater Current	...	0.3 amp.
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OPERATING CHARACTERISTICS

Anode Voltage	...	250 volts	Anode Impedance	...	8,500 ohms
Anode Current	...	9.5 mA	Mutual Conductance	...	1.9 mA/V
Control Grid Voltage	...	-9 volts	Amplification Factor	...	16

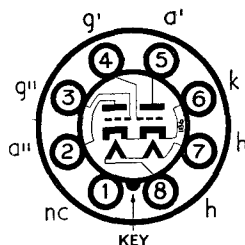
OPERATION AS RESISTANCE COUPLED AMPLIFIER

Anode Supply Voltage	...	250 volts	Peak Output	...	60 volts
Anode Load Resistor	...	0.1 meg.	Voltage Gain	...	10
Cathode Bias Resistor	...	400 ohms			



Replacement Type

TYPE 6SC7GT
HIGH-MU DOUBLE
TRIODE



CATHODE
(Indirectly Heated)

Heater Voltage	...	6.3 volts
Heater Current	...	0.3 amps. (nom.)
Max. Heater-Cathode Potential	...	250 volts

DIMENSIONS

Max. overall length	...	3 3/8 inches
Max. Bulb diameter	...	1 1/8 inches
Max. seated height...	...	2 3/8 inches

RATINGS

Max. Anode Voltage	...	250 volts
Max. Anode Dissipation	...	1.0 watts

TYPICAL OPERATING CONDITIONS (Single Triode)

Anode Voltage	...	250 volts
Grid Voltage	...	-2.0 volts
Anode Current	...	2.0 mA
Anode Impedance	...	53,000 ohms
Mutual Conductance	...	1.325 mA/V
Amplification Factor	...	70

CAPACITANCES

C _{ag}	...	2 pF
C _{in}	...	2 pF
C _{out}	...	3 pF