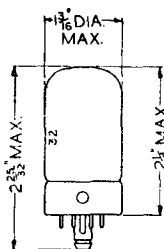
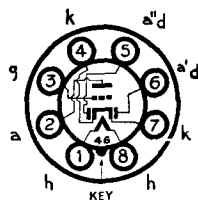


7B6
7B7



Replacement Type

TYPE 7B6
(LOCTAL BASE)
DOUBLE DIODE TRIODE



RATINGS

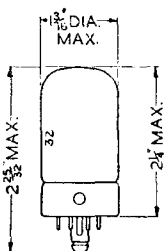
Heater Voltage	...	6.3 volts	Anode Voltage	...	300 volts max.
Heater Current	...	0.3 amp.	Diode Current	...	1.0 mA max.

OPERATING CHARACTERISTICS

Anode Voltage	...	100	250 volts	Anode Impedance	...	110,000	91,000 ohms
Anode Current	...	0.4	0.9 mA	Mutual Conductance	...	0.9	1.1 mA/V
Grid Voltage	...	-1.0	-2.0 volts	Amplification Factor	...	100	100

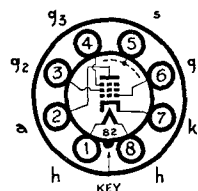
OPERATION AS RESISTANCE CAPACITY COUPLED AMPLIFIER

Anode Supply Voltage	...	...	...	...	100	250	250	volts
Anode Load Resistor	...	...	...	...	0.47	0.27	0.27	meg.
Grid Resistor	...	...	...	...	1.0	1.0	10.0	meg.
Cathode Bias Resistor	...	...	...	...	8,200	3,300	0	ohms
Succeeding Grid Resistor	...	...	...	...	0.47	0.47	0.47	meg.
Peak Output	...	...	...	...	8.0	44	44	volts
Stage Gain	...	...	...	...	48	59	56	
Harmonic Distortion	...	...	...	...	4	4	5	per cent.



Replacement Type

TYPE 7B7
(LOCTAL BASE)
VARI-MU R.F. PENTODE



RATINGS

Heater Voltage	...	6.3 volts	Anode Dissipation	...	2.25 watts max.
Heater Current	...	0.15 amp.	Screen (g_2) Voltage	...	100 volts max.
Anode Voltage	...	300 volts max.	Screen Dissipation	...	0.25 watts max.

OPERATING CHARACTERISTICS

Anode Voltage	...	...	...	...	100	250	volts
Anode Current	...	...	...	...	8.2	8.5	mA
Screen Voltage	...	...	...	...	100	100	volts
Screen Current	...	...	...	...	1.8	1.7	mA
Control Grid (g_1) Voltage	...	...	...	...	-3	-3	volts
Cathode Bias Resistor	...	...	...	...	300	300	ohms
Anode Impedance	...	...	...	...	0.3	0.75	meg.
Mutual Conductance	...	...	...	...	1.65	1.75	mA/V
*Control Grid Voltage	...	...	...	...	-40	-40	volts

*For Mutual conductance of 0.01 mA/V.