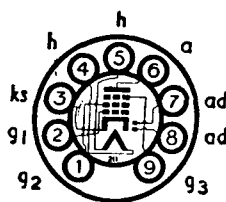


Replacement Type

TYPE **EBF80/6N8** DOUBLE DIODE VARI-MU PENTODE

EBF80/6N8
EBC41



RATINGS

Heater Voltage	...	6.3 volts
Heater Current	...	0.3 amp.
Anode Voltage	...	300 volts max.
Anode Voltage ($i_a = 0$)	...	500 volts max.
Screen Voltage	...	300 volts max.
Screen Voltage ($i_{g2} = 0$)	...	500 volts max.
Anode Dissipation	...	1.5 watts max.
Screen Dissipation	...	0.3 watts max.
Cathode Current	...	10 mA max.
Heater-Cathode Voltage	...	100 volts max.
Diode Current	...	0.8 mA max.

OPERATING CHARACTERISTICS (PENTODE SECTION)

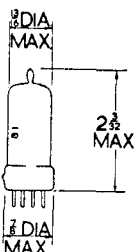
Anode Voltage	...	250 volts
Screen Voltage	...	85 volts
Control Grid Voltage	...	-2 volts
Anode Current	...	5 mA
Screen Current	...	1.75 mA
Mutual Conductance	...	2.2 mA/V
Anode Impedance	...	1.5 M Ω
Inner Amplification Factor (μ_{g1-g2})	...	18

OPERATION AS RESISTANCE COUPLED A.F. AMPLIFIER

Anode and Screen Supply Voltage	...	250	250	250	250 volts
Anode Resistor	...	220	100	220	100k Ω
Screen Series Resistor	...	680	270	680	270k Ω
Control Grid Resistor	...	1	1	10	10M Ω
Control Grid Resistor (following stage)	...	680	330	680	330k Ω
Cathode Bias Resistor	...	1200	560	0	0 Ω
Stage Gain	...	150	100	185	125

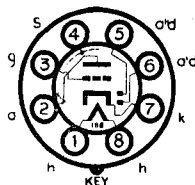
INTER-ELECTRODE CAPACITANCES

Pentode Section:		
Input	...	4.2 pF
Output	...	4.9 pF
Grid to Anode	...	0.0025 pF max.
Diode Section:		
Diode 1 Anode to Cathode	...	2.2 pF
Diode 2 Anode to Cathode	...	2.35 pF
Diode 1 Anode to Pentode Control Grid	...	0.0008 pF max.
Diode 2 Anode to Pentode Control Grid	...	0.001 pF max.



Replacement Type

TYPE **EBC41** DOUBLE DIODE TRIODE



Heater Voltage	...	6.3 volts
Heater Current	...	0.23 amp.
Anode Voltage	...	250 volts
Grid Voltage	...	-3 volts
Anode Current	...	1 mA
Amplification Factor	...	70
Mutual Conductance	...	1.3 mA/V
Anode Impedance	...	54 k Ω