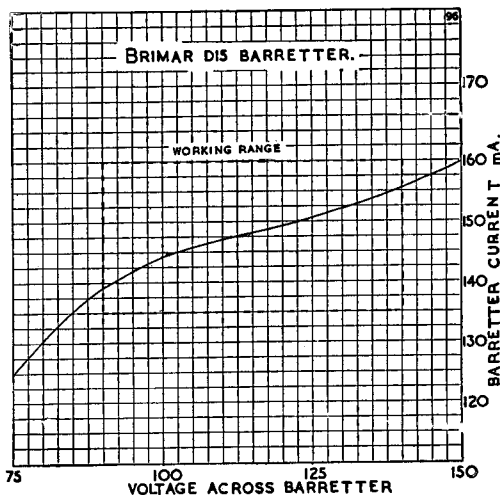
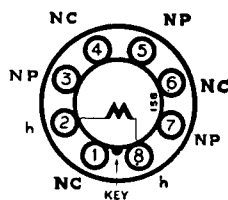
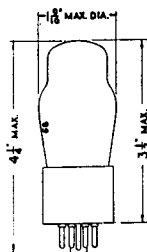


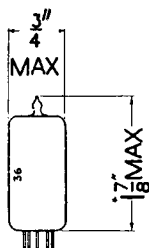
Replacement Type
TYPE D15
(OCTAL BASE)
CURRENT
STABILISER



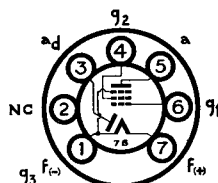
BRIMAR type D15 is a barretter suitable for use with the 0.15 amp. series of valves.

CHARACTERISTICS

Operating Current 0.15 amp.
Voltage Range 90-140 volts



Current Equipment Type
TYPE DAF96
MINIATURE BATTERY
DIODE PENTODE



RATINGS

Filament Voltage ...	...	...	...	...	...	1.4 volts
Filament Current ...	...	...	...	...	...	0.025 amp.
Anode Voltage ...	...	...	...	...	...	90 volts max.
Screen (g_2) Voltage ...	...	...	...	...	...	90 volts max.
Cathode Current ...	...	...	...	...	...	0.25 mA max.

CHARACTERISTICS

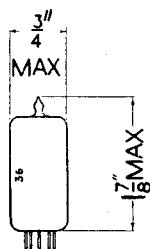
Anode Voltage	...	...	...	...	...	67.5 volts
Screen Voltage	...	...	...	...	...	67.5 volts
Control Grid Voltage	...	...	...	...	...	-1.5 volts
Anode Current	...	...	...	...	...	170 μ A
Screen Current	...	...	...	...	...	55 μ A
Mutual Conductance	...	...	...	...	...	170 μ A/V

RESISTANCE CAPACITY COUPLED OPERATION

Anode and Screen Supply Voltage	...	...	...	85	64	volts
Anode Load Resistor	...	...	...	1	1	M Ω
Screen Series Resistor	...	...	...	2.7	2.7	M Ω
Control Grid Resistor	...	...	...	10	10	M Ω
Peak Output	...	...	...	7	7	volts Pk
Voltage Gain	...	...	...	60	52	

INTER-ELECTRODE CAPACITANCES (with no external Shield)

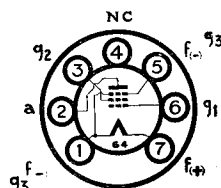
Input	...	...	...	...	...	1.8 pF
Output	...	...	...	...	...	2.7 pF
Control Grid to Anode	...	...	...	...	...	0.3 pF max.
Diode to all other Electrodes	...	...	...	...	...	1.1 pF



Current Equipment Type

TYPE DF96

MINIATURE BATTERY VARI-MU PENTODE



RATINGS

Filament Voltage	...	...	...	...	...	1.4 volts
Filament Current	...	...	...	...	...	0.025 amp
Anode Voltage	...	...	...	...	...	120 volts max.
Screen (g_2) Voltage	...	...	...	...	...	90 volts max.
Cathode Current	...	...	...	...	...	2.2 mA max.

CHARACTERISTICS

Anode Voltage	...	...	...	...	64	85	volts
Screen Series Resistor	...	...	...	...	0	39	k Ω
Control Grid Voltage	...	...	...	...	0	0	volts
Anode Current	...	...	...	...	1.65	1.65	mA
Screen Current	...	...	...	...	0.55	0.55	mA
Mutual Conductance	...	...	...	...	0.85	0.85	mA/V
Anode Impedance	...	...	...	...	0.7	1.0	M Ω
Inner μ (μ_{g1-g2})	...	...	...	...	18	18	
Control Grid Bias for $g_m = 0.01$ mA/V	...	...	...	...	-4.1	-5.5	volts

INTER-ELECTRODE CAPACITANCES

Input	...	...	...	...	...	3.3 pF
Output	...	...	...	...	...	7.8 pF
Control Grid to Anode	...	...	...	...	...	0.01 pF max.