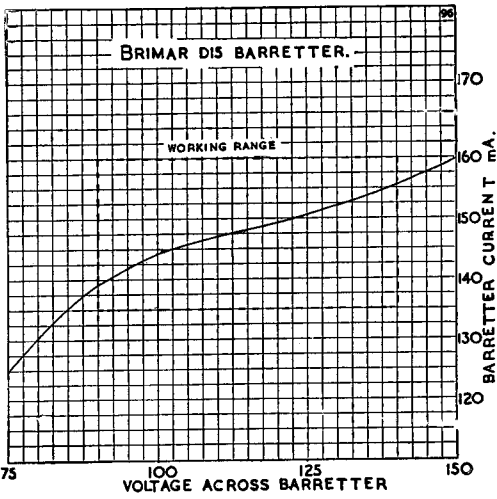
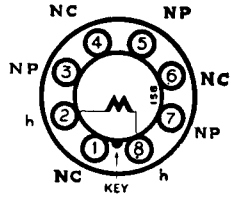
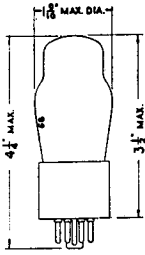
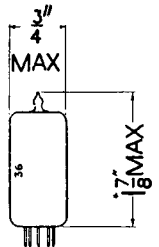


Replacement Type  
**TYPE D15**  
(OCTAL BASE)  
**CURRENT  
STABILISER**

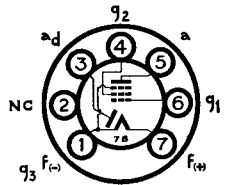


BRIMAR type D15 is a barretter suitable for use with the 0.15 amp. series of valves.

**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 <sub>2</sub> ) Voltage ...	...	...	...	...	...	90 volts max.
Cathode Current ...	...	...	...	...	...	0.25 mA max.

**CHARACTERISTICS**

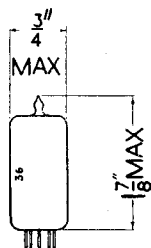
Anode Voltage	...	...	...	...	...	...	67.5 volts
Screen Voltage	...	...	...	...	...	...	67.5 volts
Control Grid Voltage	...	...	...	...	...	...	-1.5 volts
Anode Current	...	...	...	...	...	...	170 $\mu$ A
Screen Current	...	...	...	...	...	...	55 $\mu$ A
Mutual Conductance	...	...	...	...	...	...	170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

**RESISTANCE CAPACITY COUPLED OPERATION**

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

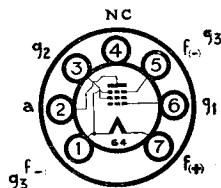
**INTER-ELECTRODE CAPACITANCES (with no external Shield)**

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 $\Omega$
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 $\Omega$
Inner $\mu$ ( $\mu_{g1-g2}$ )	...	...	...	...	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.