

# —Standard Valves—

4097-A  
Valve

## 4097-A VALVE

TRIODE.

### SPECIFICATION.

#### Cathode.

Oxide coated filament.  
Constant voltage type.

#### Base.

Standard British 4-pin.

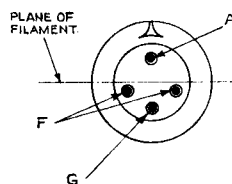
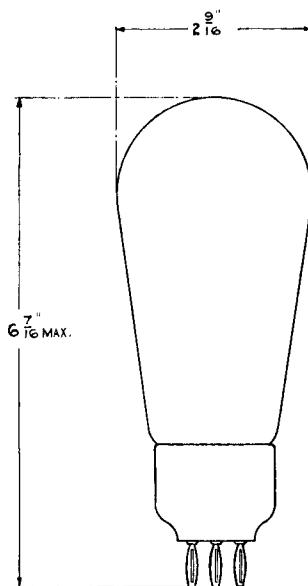
#### Dimensions.

Maximum overall length  $6\frac{7}{16}$ " (16.3 cm.)  
Maximum diameter  $2\frac{9}{16}$ " (6.5 cm.)

#### Constants.

Filament voltage	6 volts
Nominal filament current	1.1 amps.
*Impedance	3,000 ohms
*Amplification factor	10
*Mutual conductance	3.3 mA per volt
Grid-anode capacity	8.5 $\mu\mu\text{F}$ .
Grid-filament capacity	12.5 $\mu\mu\text{F}$ .
Anode-filament capacity	10.5 $\mu\mu\text{F}$ .

\* At  $V_p = 500$  volts.  $I_p = 50$  mA.



### LIMITING CONDITIONS FOR SAFE OPERATION.

Maximum direct anode voltage	500 volts
Maximum anode dissipation	35 watts
Maximum direct anode current	135 mA.
Maximum frequency for above ratings	2 Mc.
Maximum anode voltage for frequency of 10 Mc.	400 volts

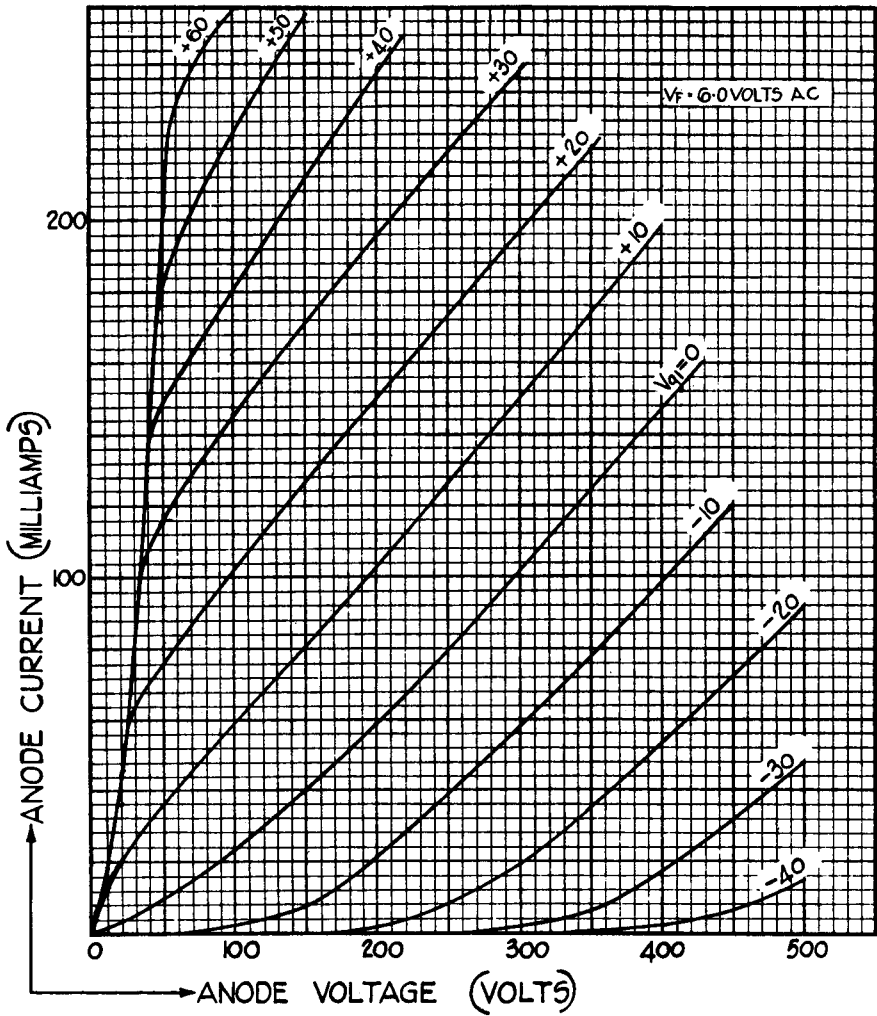
Tentative data

V.4097-A.1  
Sept. 1938



# —Standard Valves—

4097-A  
Valve



Tentative data

V.4097-A.2  
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