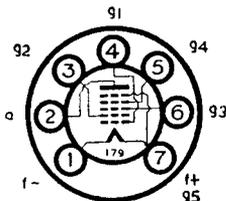
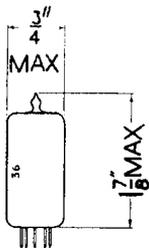


Current Equipment Type

TYPE **DK96**
 MINIATURE BATTERY
 HEPTODE
 FREQUENCY CHANGER



RATINGS

Filament Voltage ...	...	...	...	...	...	1.4 volts
Filament Current ...	...	...	...	...	...	0.025 amp.
Anode Voltage ...	...	...	...	...	...	90 volts max.
Screen (g_4) Voltage ...	...	...	...	...	...	90 volts max.
Oscillator Anode (g_2) Voltage ...	...	...	...	...	...	60 volts max.
Cathode Current ...	...	...	...	...	...	2.6 mA max.

CHARACTERISTICS

Anode Voltage ...	...	...	...	...	64	85	volts
Screen (g_4) Series Resistor ...	...	...	...	...	0	120	k Ω
Anode Current ...	...	...	...	...	0.55	0.6	mA
Screen (g_4) Current ...	...	...	...	...	0.12	0.14	mA
Oscillator Anode (g_2) Voltage ...	...	...	...	...	35	35	volts
Oscillator Anode Current ...	...	...	...	...	1.6	1.5	mA
Oscillator Grid Resistor ...	...	...	...	...	27	27	k Ω
Oscillator Grid Current ...	...	...	...	...	85	85	μ A
Conversion Conductance ...	...	...	...	...	275	300	μ A/V
Anode Impedance ...	...	...	...	...	0.75	0.8	M Ω
Control Grid Bias for $\frac{g_c}{100}$ ...	...	...	...	...	-4.5	-6.5	volts

INTER-ELECTRODE CAPACITANCES

Oscillator Grid (g_1) to all ...	...	...	...	...	...	3.9	pF
Oscillator Anode (g_2) to all ...	...	...	...	...	...	4.8	pF
R.F. Input (g_3) to all ...	...	...	...	...	...	7.4	pF
I.F. Output (a) to all ...	...	...	...	...	...	8.1	pF
Oscillator Grid (g_1) to Anode ...	...	...	...	...	...	0.11	pF max.
Oscillator Anode (g_2) to Anode ...	...	...	...	...	...	0.3	pF max.
Control Grid (g_3) to Anode ...	...	...	...	...	...	0.36	pF max.
Oscillator Grid (g_1) to Osc. Anode (g_2) ...	...	...	...	...	...	3	pF
Oscillator Grid (g_1) to Control Grid (g_3) ...	...	...	...	...	...	0.2	pF max.
Oscillator Anode (g_2) to Control Grid (g_3) ...	...	...	...	...	...	1.6	pF