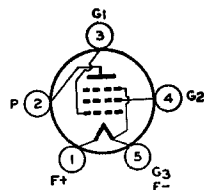


# RCA-1F4

## POWER AMPLIFIER PENTODE



The 1F4 is a power-amplifier pentode for use in the output stage of battery-operated receivers. This tube has low filament- and plate-current requirements, high power sensitivity,

and will deliver a considerable amount of audio output with low distortion.

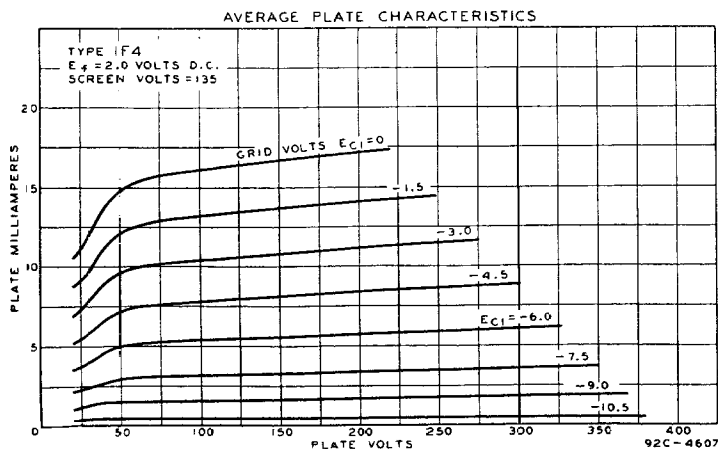
### CHARACTERISTICS

FILAMENT VOLTAGE (D. C.)	2.0	Volts
FILAMENT CURRENT	0.12	Ampere
PLATE VOLTAGE	90 135 max.	Volts
SCREEN VOLTAGE (Grid No. 2)	90 135 max.	Volts
GRID VOLTAGE (Grid No. 1)	-3 -4.5	Volts
PLATE CURRENT	4 8	Milliamperes
SCREEN CURRENT	1.3 2.6	Milliamperes
PLATE RESISTANCE	240000 200000	Ohms
AMPLIFICATION FACTOR	340 340	
TRANSCONDUCTANCE	1400 1700	Micromhos
LOAD RESISTANCE	20000 16000	Ohms
SELF-BIAS RESISTOR	566 425	Ohms
POWER OUTPUT*	120 340	Milliwatts
BULB		ST-14
BASE		Medium 5-Pin

\* 5% total harmonic distortion.

### INSTALLATION AND APPLICATION

For INSTALLATION and APPLICATION, refer to type 33.





**page**

1  
2

**1F4  
sheet**

48  
FP

**date**

1937  
1999.10.10