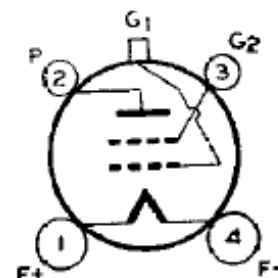
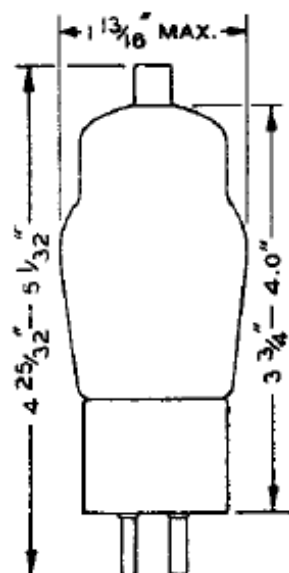


RCA-22

SCREEN-GRID RADIO-FREQUENCY AMPLIFIER

The 22 is a screen grid tube designed particularly for radio-frequency amplification in dry-battery-operated receivers employing 3.3-volt filament tubes.



CHARACTERISTICS

FILAMENT VOLTAGE (D. C.)	3.3	Volts
FILAMENT CURRENT	0.132	Ampere
PLATE VOLTAGE	135 135 <i>max.</i>	Volts
SCREEN VOLTAGE (Grid No. 2)	45* 67.5† <i>max.</i>	Volts
GRID VOLTAGE (Grid No. 1)	-1.5 -1.5	Volts
PLATE CURRENT	1.7 3.7	Milliamperes
SCREEN CURRENT (Maximum)	0.6 1.3	Milliamperes
PLATE RESISTANCE	725000 325000	Ohms
AMPLIFICATION FACTOR	270 160	
TRANSCONDUCTANCE	375 500	Micromhos
GRID-PLATE CAPACITANCE (With shield-can)	0.02 <i>max.</i>	$\mu\mu\text{f}$
INPUT CAPACITANCE	4.0	$\mu\mu\text{f}$
OUTPUT CAPACITANCE	10	$\mu\mu\text{f}$
BULB		ST-14
CAP		Small Metal
BASE		Medium 4-Pin

* Maximum value of grid resistor is 5.0 megohms. † Maximum value of grid resistor is 1.0 megohm.

This type is used principally for renewal purposes.