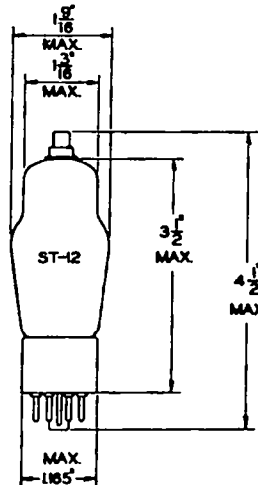
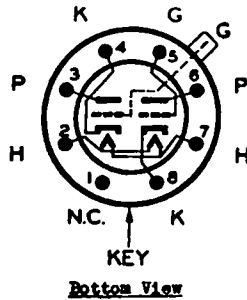




GENERAL DESCRIPTION

Application: The Ken-Rad 6F8G is a cathode type twin triode designed for use as a voltage amplifier. Electrical characteristics of the individual sections of this tube are identical to those of type 6J5G. The 6F8G is a glass tube equipped with an octal base.

Physical Characteristics:



RATING AND CHARACTERISTICS

Heater:

Voltage 6.3 Volts A.C. or D.C.
Current .6 Amperes

Note: Voltage between heater and cathode should be kept at a minimum if direct connection is not possible.

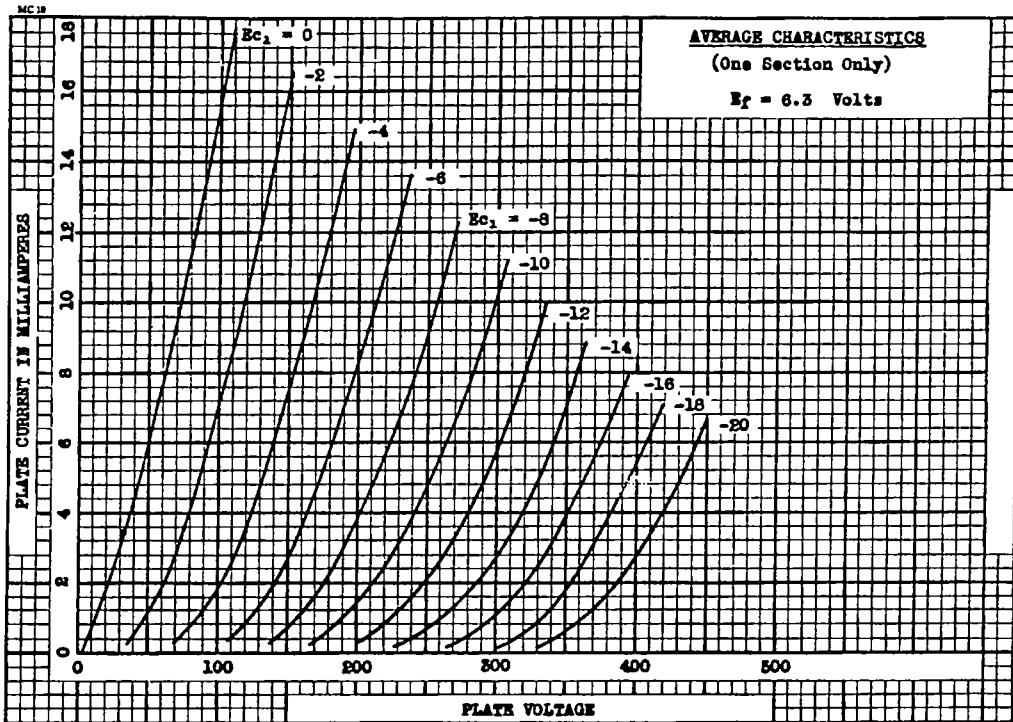
CLASS A AMPLIFIER - ONE TRIODE SECTION

Plate Voltage	250	Volts Max.
Grid Voltage	-8	Volts
Plate Current	9.0	Milliamperes
Plate Resistance	7700	Ohms Approx.
Amplification Factor	20	
Mutual Conductance	2800	Microohms Approx.

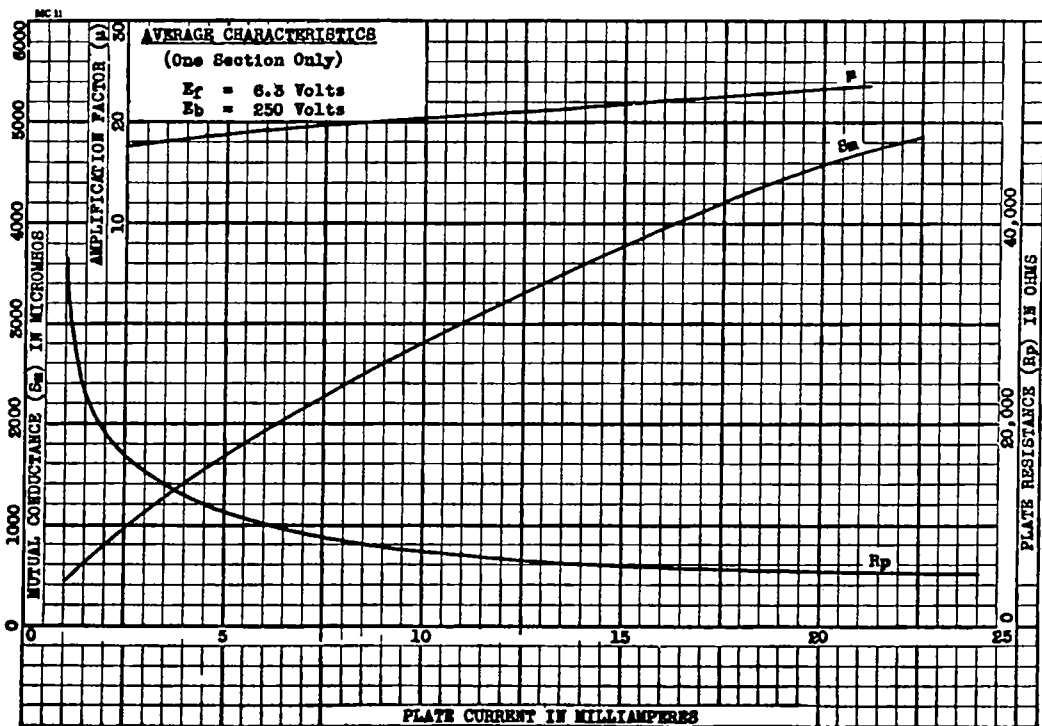
Direct Interelectrode Capacitances:

C _G -P	4.2 ^o	4.5 ^{oo}	μf.
C _G -K	5.0 ^o	5.5 ^{oo}	μf.
C _P -K	2.0 ^o	1.5 ^{oo}	μf.
C _G -G		.15	μf.
C _P -P		1.2	μf.
C _G -P		.2*	μf.

^oValues for triode having its grid brought out to the top cap.
^{oo}Values for triode having its grid brought out to a base pin.
*Measured from top-cap grid to plate of other triode.



COMMERCIAL ENGINEERING DEPARTMENT KEN-RAD TUBE & LAMP CORPORATION DATE 9-24-37
OWENSBORO, KENTUCKY



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