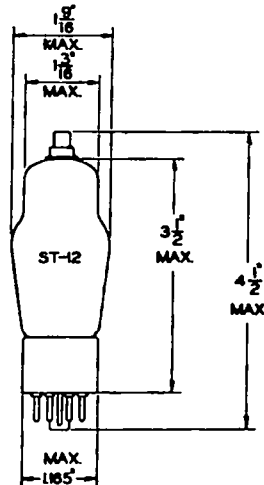
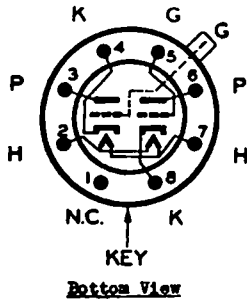




GENERAL DESCRIPTION

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 Ampere

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	80	
Mutual Conductance	2600	Micromhos Approx.

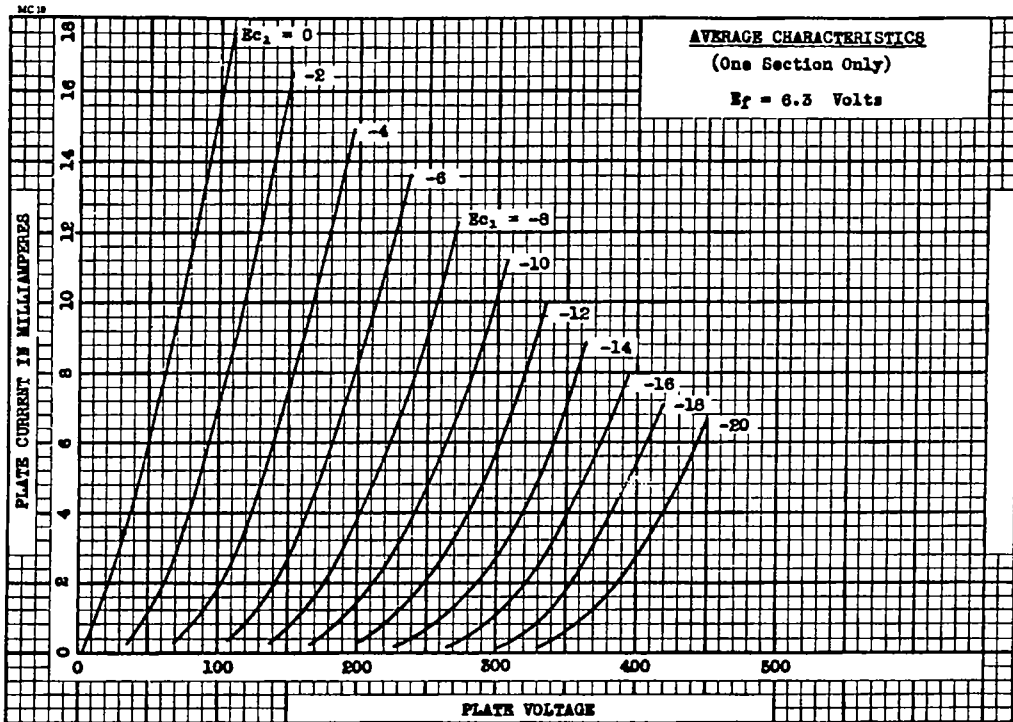
Direct Interelectrode Capacitances:

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

^oValue for triode having its grid brought out to the top cap.

^{oo}Value for triode having its grid brought out to a base pin.

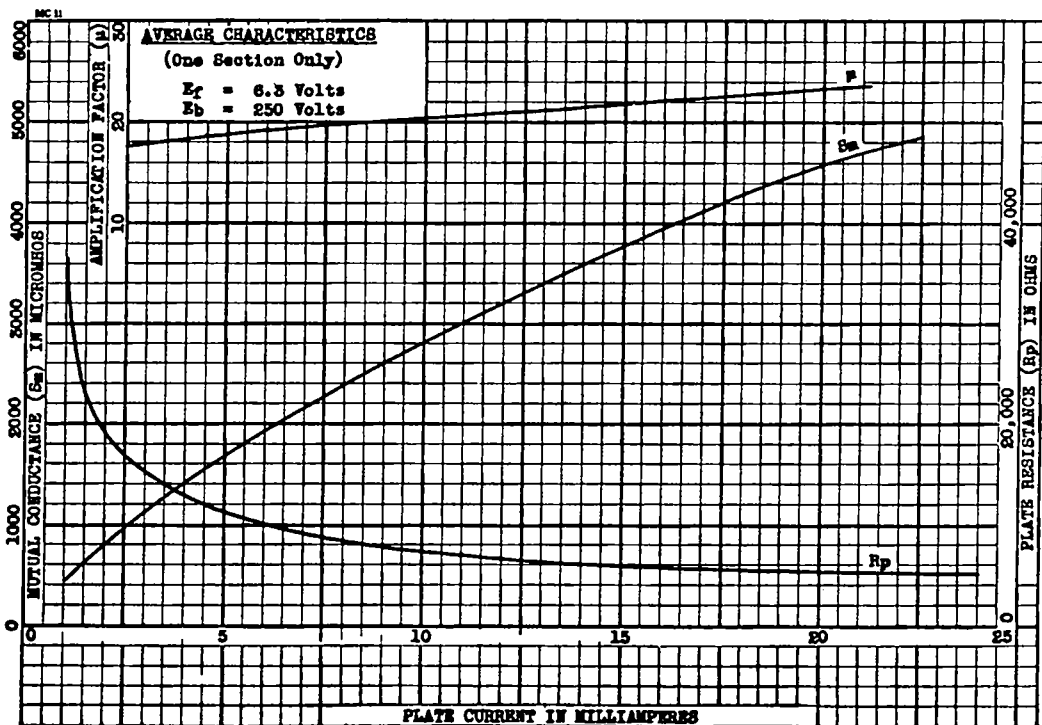
*Measured from top-cap grid to plate of other triode.



COMMERCIAL ENGINEERING DEPARTMENT

KEN-RAD TUBE & LAMP CORPORATION
INCORPORATED
OWENSBORO, KENTUCKY

DATE 9-24-37



COMMERCIAL ENGINEERING DEPARTMENT

KEN-RAD TUBE & LAMP CORPORATION
INCORPORATED
OWENSBORO, KENTUCKY

DATE 9-24-37