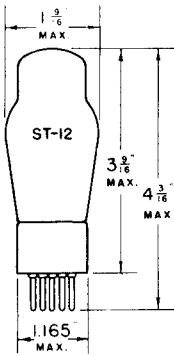


TUNG-SOL

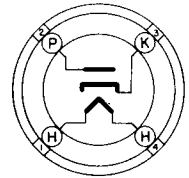


**HALF WAVE
HIGH VACUUM RECTIFIER**

UNIPOTENTIAL CATHODE

HEATER
6.3 VOLTS 0.3 AMPERE
AC OR DC

GLASS BULB



4G

BOTTOM VIEW

SMALL 4 PIN BASE

THE TUNG-SOL 1V IS DESIGNED FOR SERVICE IN EITHER STORAGE BATTERY, AC OR AC - DC OPERATED RECEIVERS.

RATINGS

MAXIMUM DC HEATER TO CATHODE POTENTIAL	500	VOLTS
MAXIMUM PEAK INVERSE VOLTAGE	1000	VOLTS
MAXIMUM STEADY-STATE PEAK PLATE CURRENT	270	MA.

OPERATING CONDITIONS AND CHARACTERISTICS

HALF WAVE RECTIFIER

CONDENSER INPUT TO FILTER

AC PLATE VOLTAGE (RMS)	117	150	325^{MAX}	VOLTS
DC OUTPUT CURRENT ^{MAX.}	45	45	45	MA.
TOTAL EFFECTIVE PLATE SUPPLY IMPEDANCE ^{MIN. A}	0	30	75	OHMS
TUBE VOLTAGE DROP AT 90 MA. PLATE CURRENT	20			VOLTS

^A WHEN FILTER CONDENSERS LARGER THAN 40 μ FDS ARE USED, IT MAY BE NECESSARY TO ADD ADDITIONAL PLATE SUPPLY IMPEDANCE.

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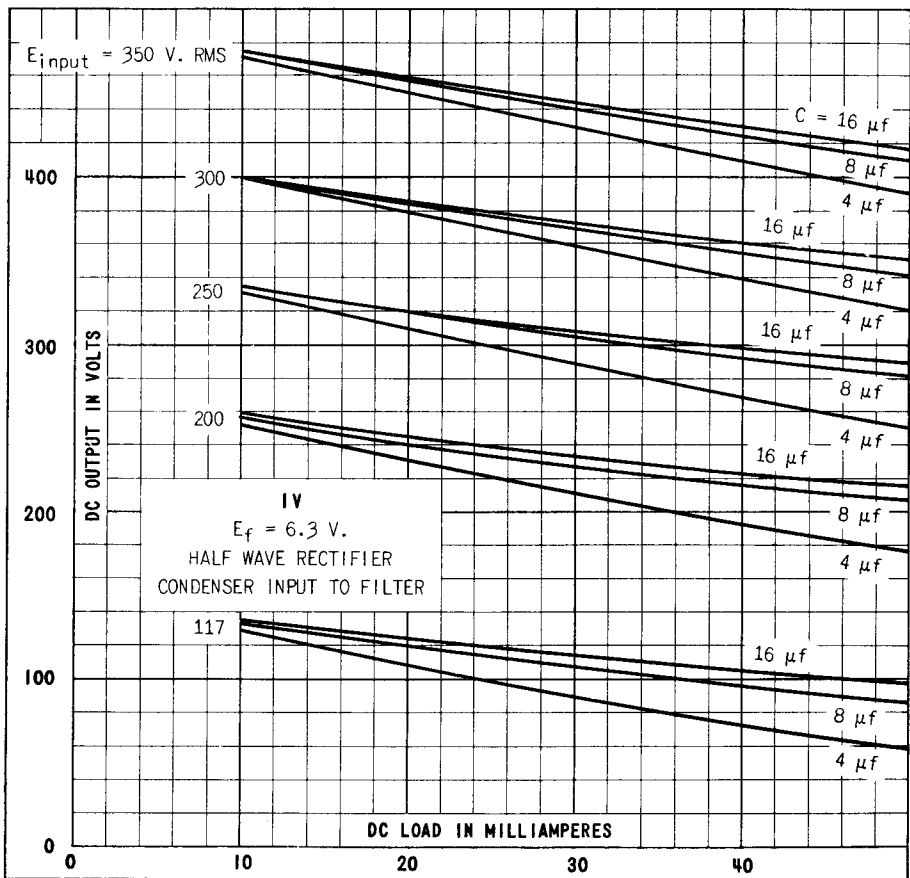
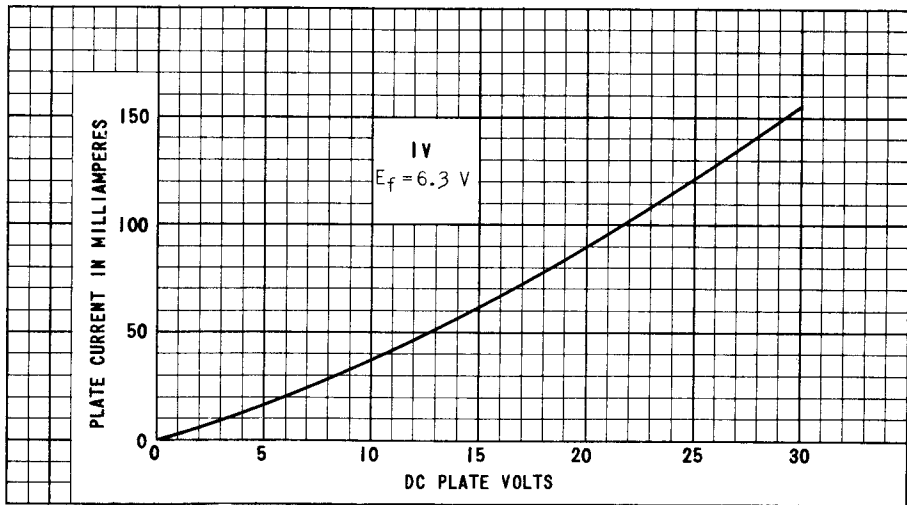


PLATE 686-1