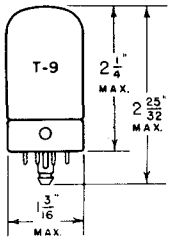
TUNG-SOL

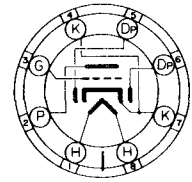
DUO-DIODE
HIGH-MU TRIODE AMPLIFIER



UNIPOTENTIAL CATHODE

HEATER
6.3 VOLTS 0.3 AMPERE
AC OR DC

GLASS BULB



8W
BOTTOM VIEW

8 PIN LOCKING-IN BASE

THE TUNG-SOL 7B6 CONSISTS OF TWO DIODES AND A HIGH-MU TRIODE WITH A COMMON CATHODE. IT IS DESIGNED FOR SERVICE AS A DIODE DETECTOR, AVC RECTIFIER AND AN IMPEDANCE OR RESISTANCE COUPLED AMPLIFIER. ITS RATINGS AND ELECTRICAL CHARACTERISTICS ARE SIMILAR TO THOSE OF THE 6SQ7GT, 12SQ7GT, 75 AND THE 2A6.

RATINGS

NOMINAL HEATER VOLTAGE	7.0	VOLTS
NOMINAL HEATER CURRENT	0.32	AMP.
MAXIMUM PLATE VOLTAGE	250	VOLTS

TYPICAL OPERATING CONDITIONS AND CHARACTERISTICS

CLASS A1 AMPLIFIER

PLATE VOLTAGE	250	VOLTS
GRID VOLTAGE	-2	VOLTS
PLATE CURRENT	0.9	MA.
PLATE RESISTANCE	91000	OHMS
TRANSCONDUCTANCE	1100	µMHOS
AMPLIFICATION FACTOR	100	

DIODE UNITS - TWO

MINIMUM DIODE CURRENT PER PLATE WITH 10 VOLTS DC APPLIED	0.8	MA.

PLATE 820-1

AUG. 30 1940

FOR "INTERPRETATION OF RATINGS" REFER TO FRONT OF BOOK.

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7B6

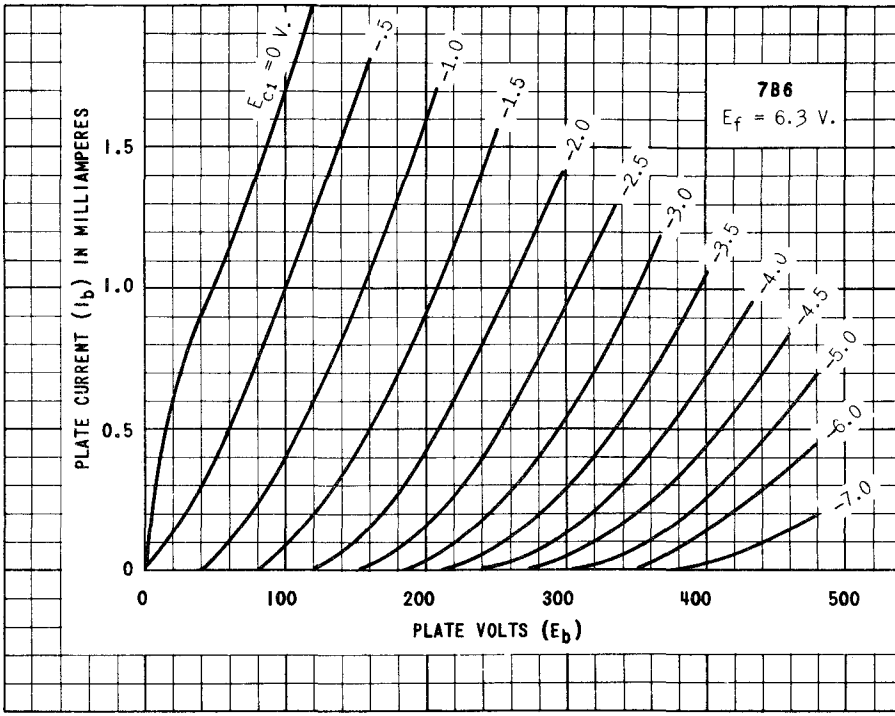

PLATE
821-1

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