

TUNG-SOL

DUPLEX-DIODE TRIODE

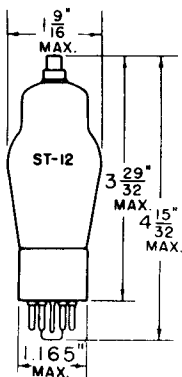
UNIPOTENTIAL CATHODE

HEATER

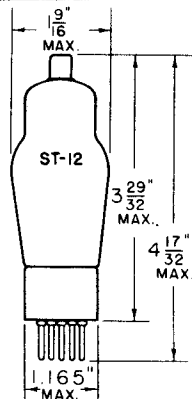
6V7G, 85 55
 6.3 V. 2.5 V.
 0.3 A. 1.0 A.

AC OR DC

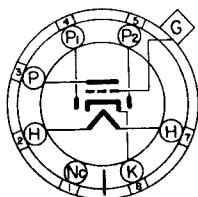
IN CIRCUITS WHERE THE CATHODE IS NOT DIRECTLY CONNECTED TO THE HEATER, THE POTENTIAL DIFFERENCE BETWEEN HEATER AND CATHODE SHOULD BE KEPT AS LOW AS POSSIBLE. UNDER NO CONDITIONS SHOULD IT EXCEED 100 VOLTS.



6V7G

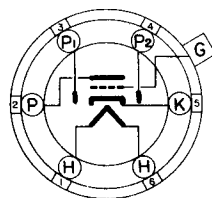
SMALL 7 PIN
OCTAL BASE

55, 85

SMALL 6 PIN
BASE

6V7G

BOTTOM VIEWS



55, 85

THE 6V7G, 55 AND 85 ARE HEATER CATHODE TYPE TUBES CONSISTING OF TWO DIODES AND A TRIODE IN A SINGLE BULB. THEY ARE DESIGNED FOR USE AS COMBINED DETECTORS, AMPLIFIERS AND AUTOMATIC VOLUME CONTROL TUBES.

RATINGS

INTERPRETED ACCORDING TO RMA STANDARD MB-210

MAXIMUM PLATE VOLTAGE	250	VOLTS
MAXIMUM PLATE DISSIPATION	2.0	WATTS

DIRECT INTERELECTRODE CAPACITANCES

GRID TO PLATE	1.5	μuf
INPUT	1.5	μuf
OUTPUT	4.3	μuf

TYPICAL OPERATING CONDITIONS AND CHARACTERISTICS

CLASS A AMPLIFIER

PLATE VOLTAGE	135	180	250	VOLTS
GRID VOLTAGE	-10.5	-13.5	-20	VOLTS
PLATE CURRENT	3.7	6.0	8.0	MA.
PLATE RESISTANCE	11000	8500	7500	OHMS
TRANSCONDUCTANCE	750	975	1100	μMHOS
AMPLIFICATION FACTOR	8.3	8.3	8.3	
LOAD RESISTANCE	25000	20000	20000	OHMS
POWER OUTPUT	75	160	350	MW.

6V7G (55, 85)

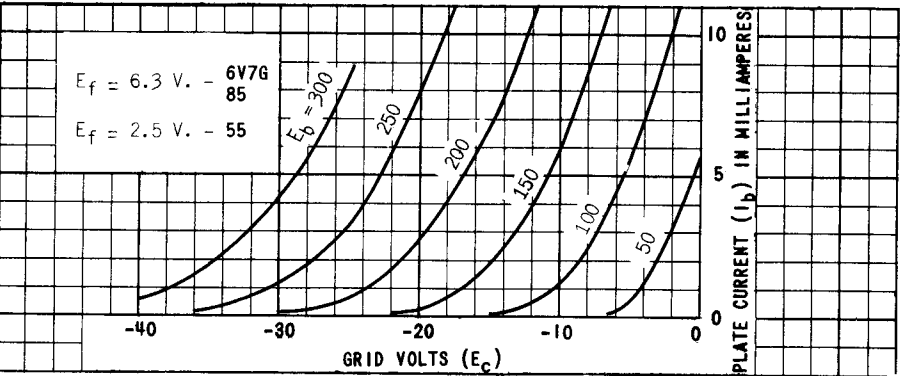
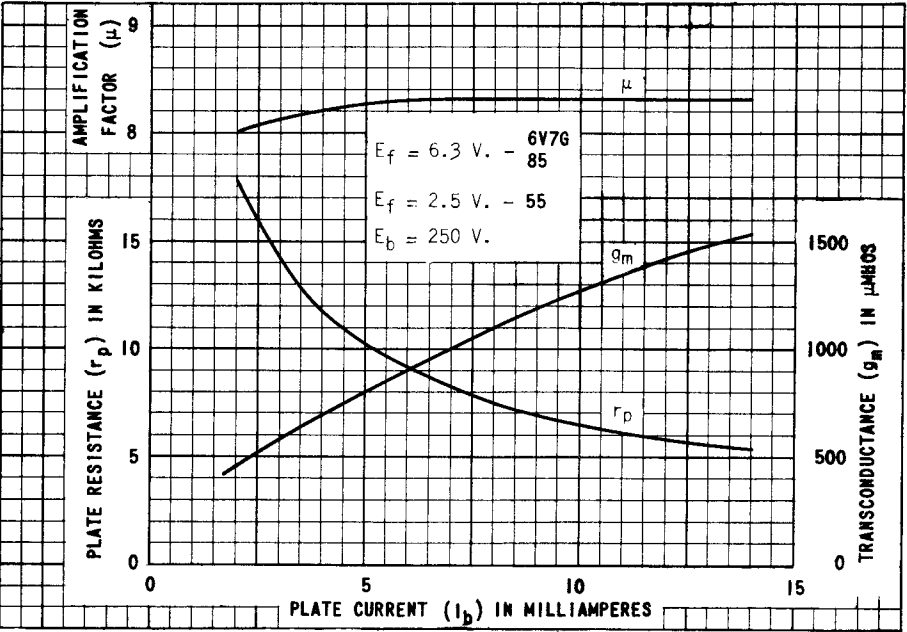
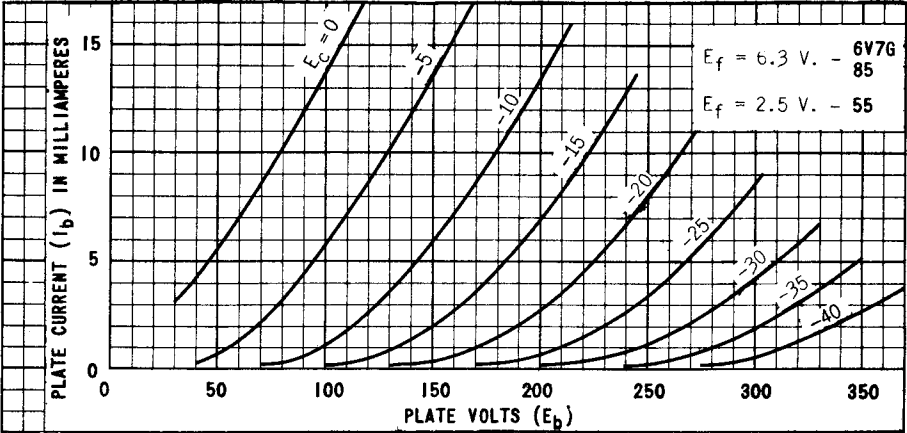


PLATE
1440
JUNE 15
1944