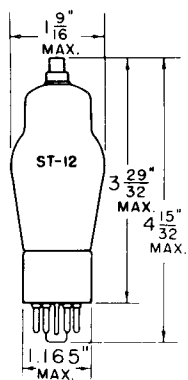


**TUNG-SOL**



**6V7G**  
SMALL 7 PIN  
OCTAL BASE

**DUPLEX-DIODE TRIODE**

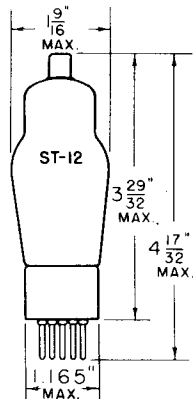
UNI-POTENTIAL CATHODE

HEATER

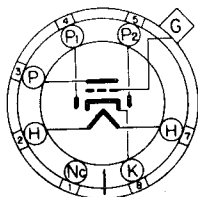
**6V7G, 85      55**  
6.3 V.      2.5 V.  
0.3 A.      1.0 A.

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.

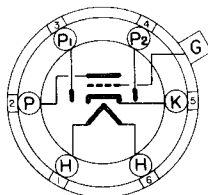


**55, 85**  
SMALL 6 PIN  
BASE



**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 M8-210

MAXIMUM PLATE VOLTAGE	250	VOLTS
MAXIMUM PLATE DISSIPATION	2.0	WATTS

**DIRECT INTERELECTRODE CAPACITANCES**

GRID TO PLATE	1.5	μμf
INPUT	1.5	μμf
OUTPUT	4.3	μμf

**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.

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PLATE  
1444  
JUNE 15  
1944

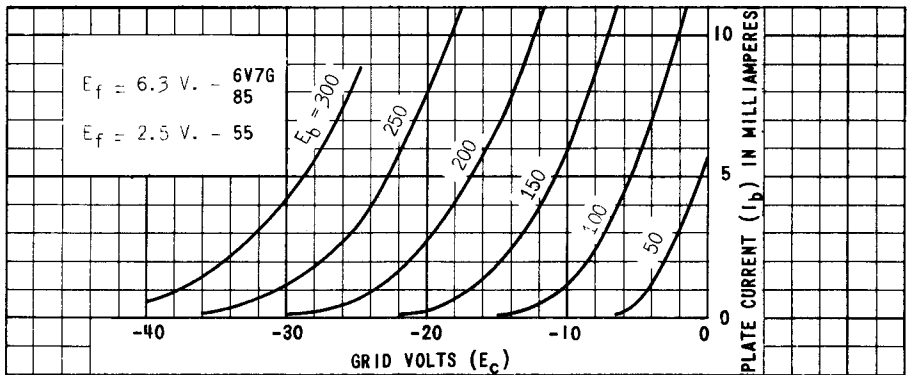
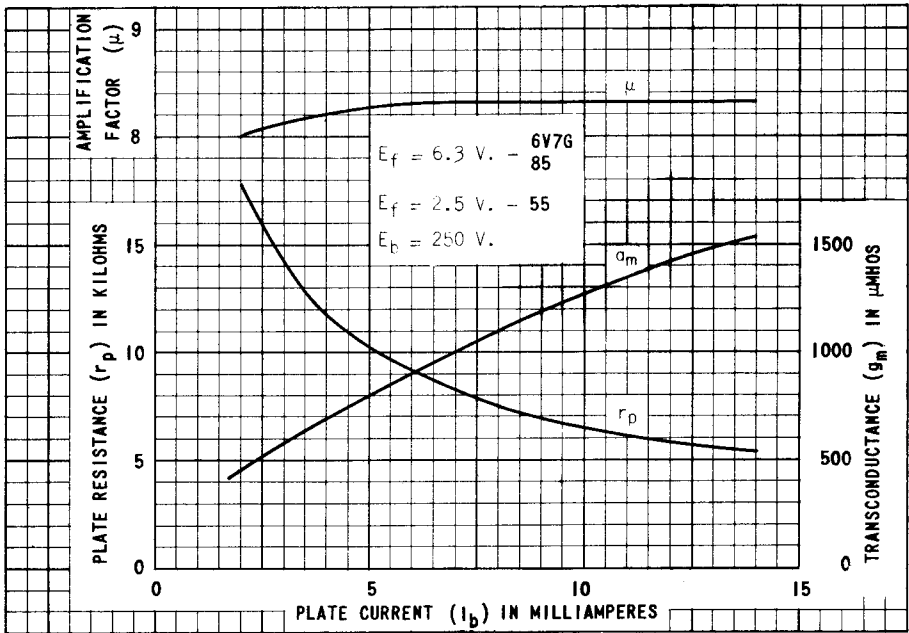
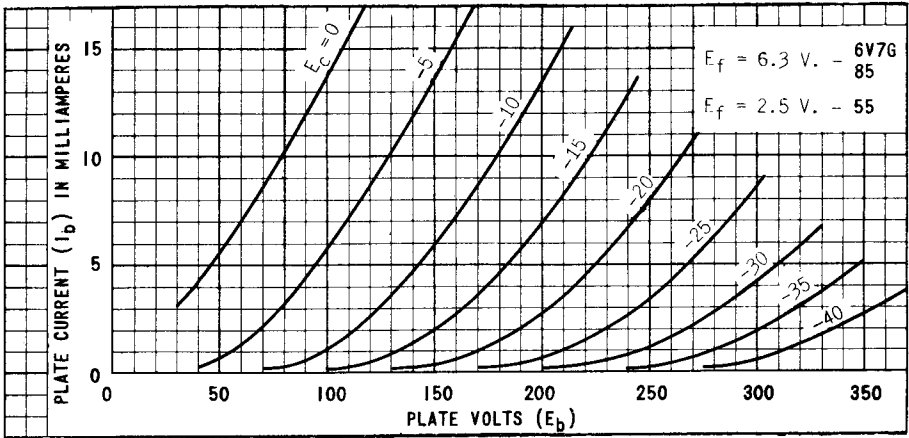


PLATE  
 1445  
 JUNE 15  
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