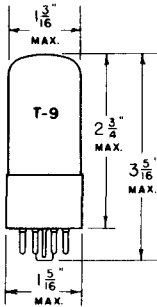


TUNG-SOL



TRIODE POWER AMPLIFIER

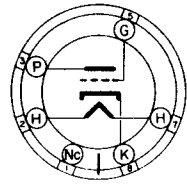
UNIPOTENTIAL CATHODE

HEATER

25 VOLTS 0.3 AMPERE

AC OR DC

GLASS BULB



G-6Qa

BOTTOM VIEW

INTERMEDIATE 6 PIN OCTAL BASE

THE TUNG-SOL 25AC5GT/G IS A HIGH-MU POWER OUTPUT TRIODE DESIGNED FOR SERVICE WITH POSITIVE GRID BIAS IN DYNAMIC COUPLED CIRCUITS EMPLOYING A TYPE 6AE5GT/G, TYPE 6P5GT/G, TYPE 76, OR A TYPE 37 AS A DRIVER.

RATINGS

MAXIMUM PLATE VOLTAGE	180	VOLTS
MAXIMUM PLATE DISSIPATION	10	WATTS

AVERAGE CHARACTERISTICS

PLATE VOLTAGE	110	VOLTS
CONTROL GRID VOLTAGE	+15	VOLTS
PLATE CURRENT	45	MA.
GRID CURRENT	7	MA.
PLATE RESISTANCE	15 200	OHMS
TRANSCONDUCTANCE	3800	μMHOS
AMPLIFICATION FACTOR	58	

TYPICAL OPERATING CONDITIONS AND CHARACTERISTICS

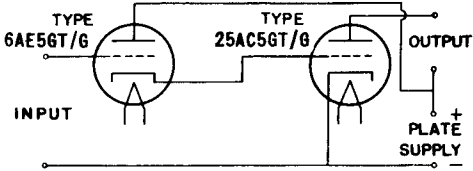
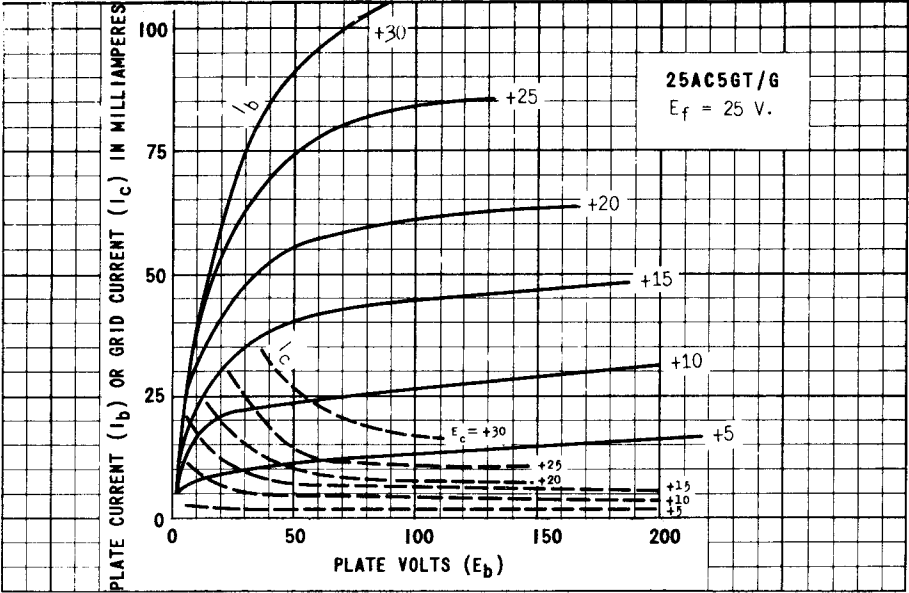
DYNAMIC-COUPLED CLASS A₁ AMPLIFIER

DRIVER TUBE TYPE	6AE5GT/G	6P5GT/G	37	
PLATE SUPPLY VOLTAGE	110	180	180	VOLTS
CONTROL GRID VOLTAGE	A	A	A	VOLTS
DRIVER GRID RESISTOR MAX.	1.0	1.0	1.0	MEGOHM
POWER TUBE PLATE CURRENT	45	27	37	MA.
DRIVER TUBE PLATE CURRENT	7	4	5.3	MA.
INPUT SIGNAL TO DRIVER VOLTAGE (RMS) ^B	22	12	17	VOLTS
LOAD RESISTANCE	2000	8000	5000	OHMS
TOTAL HARMONIC DISTORTION	10	10	10	PER CENT
POWER OUTPUT	2.0	2.0	2.7	WATTS

^A BIAS VOLTAGE FOR BOTH THE 25AC5GT/G AND THE DRIVER ARE AUTOMATICALLY DEVELOPED BY THE "DYNAMIC COUPLED" CIRCUIT.

^B DRIVER GRID CURRENT DOES NOT FLOW DURING ANY PART OF THE INPUT CYCLE.

25AC5GT/G



THE DATA SHOWN HEREIN IS FOR YOUR INFORMATION. TUNG-SOL LAMP WORKS INC. ASSUMES NO LIABILITY WITH RESPECT TO ITS USE IN THE INFRINGEMENT OF ANY PATENT.

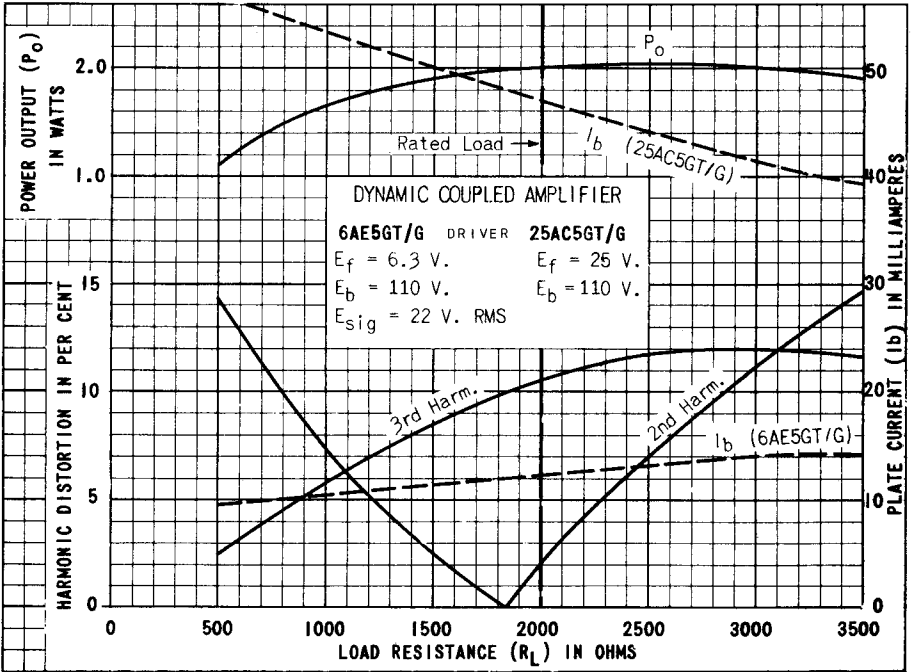


PLATE 1160-1