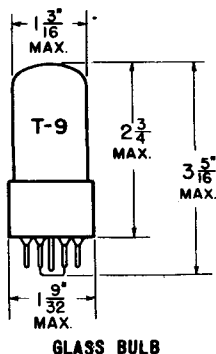


TUNG-SOL

BEAM PENTODE



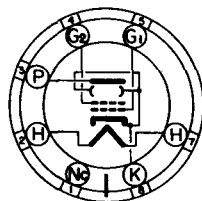
COATED UNIPOTENTIAL CATHODE

HEATER

35 VOLTS 150 MA.

AC OR DC

ANY MOUNTING POSITION



BOTTOM VIEW
INTERMEDIATE SHELL
7 PIN OCTAL
TAC

THE 35L6GT IS A BEAM POWER AMPLIFIER DESIGNED PRIMARILY FOR SERVICE IN THE OUTPUT STAGE OF AC DC RECEIVERS EMPLOYING 150 MA. HEATER TUBES. IT DELIVERS HIGH POWER OUTPUT WITH HIGH POWER SENSITIVITY FROM LOW SUPPLY VOLTAGES.

RATINGS

INTERPRETED ACCORDING TO DESIGN CENTER SYSTEM

HEATER VOLTAGE	35	VOLTS
MAXIMUM HEATER-CATHODE VOLTAGE	90	VOLTS
MAXIMUM PLATE VOLTAGE	200	VOLTS
MAXIMUM GRID #2 VOLTAGE	125	VOLTS
MAXIMUM PLATE DISSIPATION	8.5	WATTS
MAXIMUM GRID #2 DISSIPATION	1	WATT
MAXIMUM GRID #1 CIRCUIT RESISTANCE (SELF BIAS)	0.5	MEGOHM
MAXIMUM GRID #1 CIRCUIT RESISTANCE (FIXED BIAS)	0.1	MEGOHM

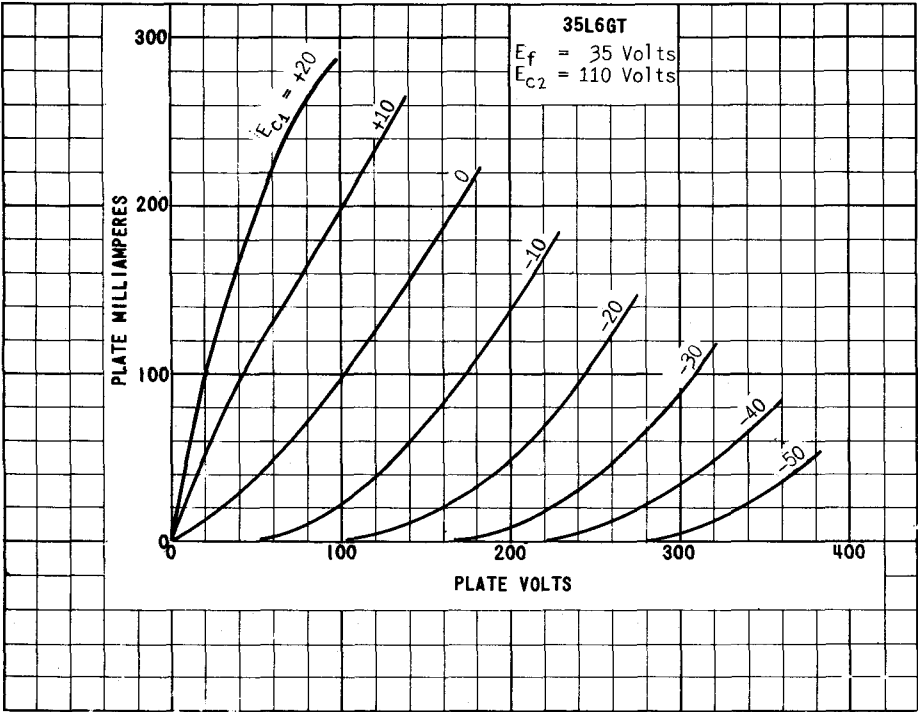
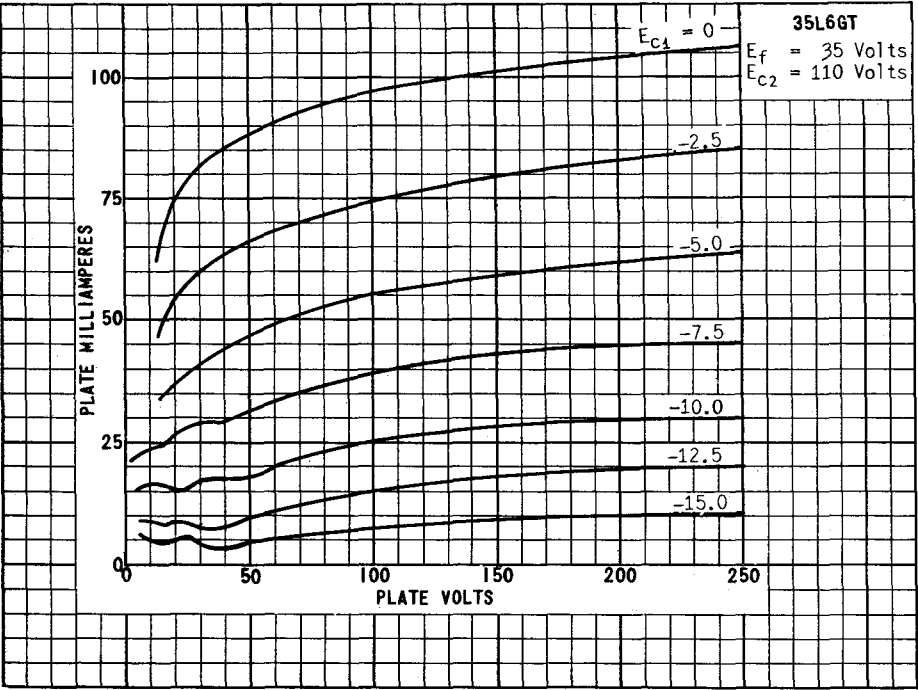
TYPICAL OPERATING CONDITIONS AND CHARACTERISTICS

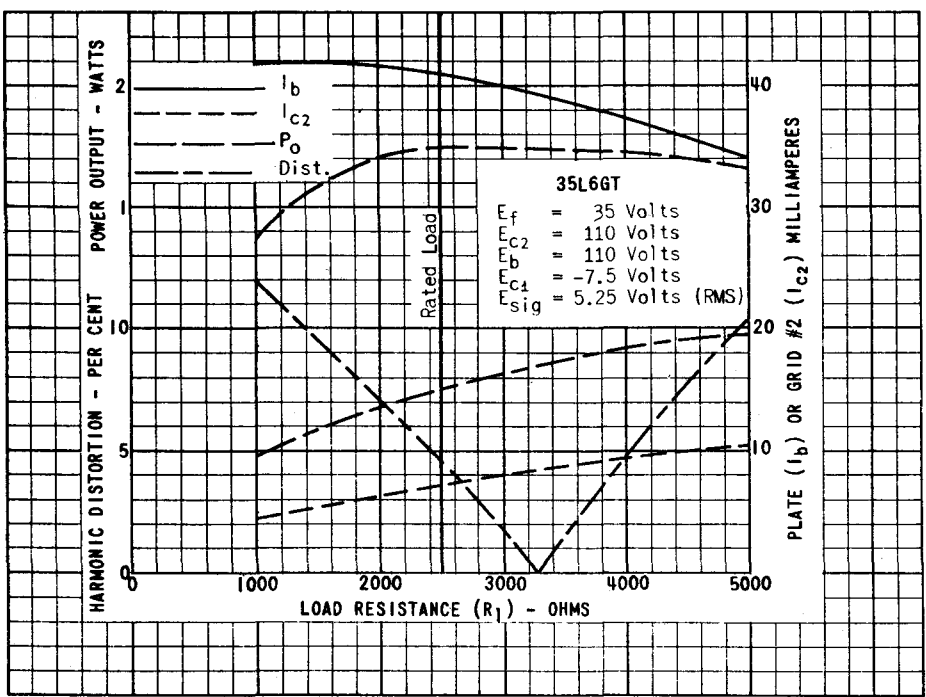
CLASS A₁ AMPLIFIER

HEATER VOLTAGE	35	35	VOLTS
HEATER CURRENT	150	150	MA.
PLATE VOLTAGE	110	200	VOLTS
GRID #2 VOLTAGE	110	125	VOLTS
GRID #1 VOLTAGE	-7.5	0	VOLTS
CATHODE BIAS RESISTOR	0	180	OHMS
PEAK AF SIGNAL VOLTAGE	7.5	8	VOLTS
PLATE RESISTANCE (APPROX.)	14 000	34 000	OHMS
TRANSCONDUCTANCE	5 800	6 100	UMHOS
ZERO-SIGNAL PLATE CURRENT	40	43	MA.
ZERO-SIGNAL GRID #2 CURRENT	3	2	MA.
MAXIMUM-SIGNAL PLATE CURRENT	41	43	MA.
MAXIMUM-SIGNAL GRID #2 CURRENT	7	5.5	MA.
LOAD RESISTANCE	2 500	5 000	OHMS
TOTAL HARMONIC DISTORTION (APPROX.)	10	10	PERCENT
POWER OUTPUT	1.5	3	WATTS

→ INDICATES A CHANGE.

35L6GT





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PLATE
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