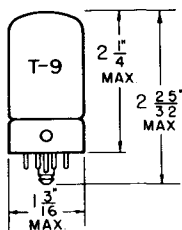


TUNG-SOL

PENTODE



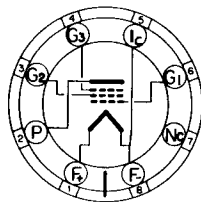
GLASS BULB

COATED FILAMENT

1.4 VOLTS 50 MA.

AC OR DC

ANY MOUNTING POSITION



BOTTOM VIEW

LOCK-IN 8 PIN BASE

7A0

THE 1LG5 IS A FILAMENTARY TYPE SHARP CUT-OFF PENTODE VOLTAGE AMPLIFIER USING THE LOCK-IN CONSTRUCTION. IT IS PARTICULARLY ADAPTABLE TO PORTABLE RECEIVERS AS AN RF OR IF AMPLIFIER WHERE AUTOMATIC VOLUME CONTROL IS NOT REQUIRED.

DIRECT INTERELECTRODE CAPACITANCES

WITH EXTERNAL SHIELD #308 CONNECTED TO PIN #8

GRID TO PLATE: (G_1 TO P) MAX.	0.007	μmf
INPUT: G_1 TO ($F \& I S + G_2 + G_3$)	3.2	μmf
OUTPUT: P TO ($F \& I S + G_2 + G_3$)	7	μmf

RATINGS

INTERPRETED ACCORDING TO RMA STANDARD MB-210

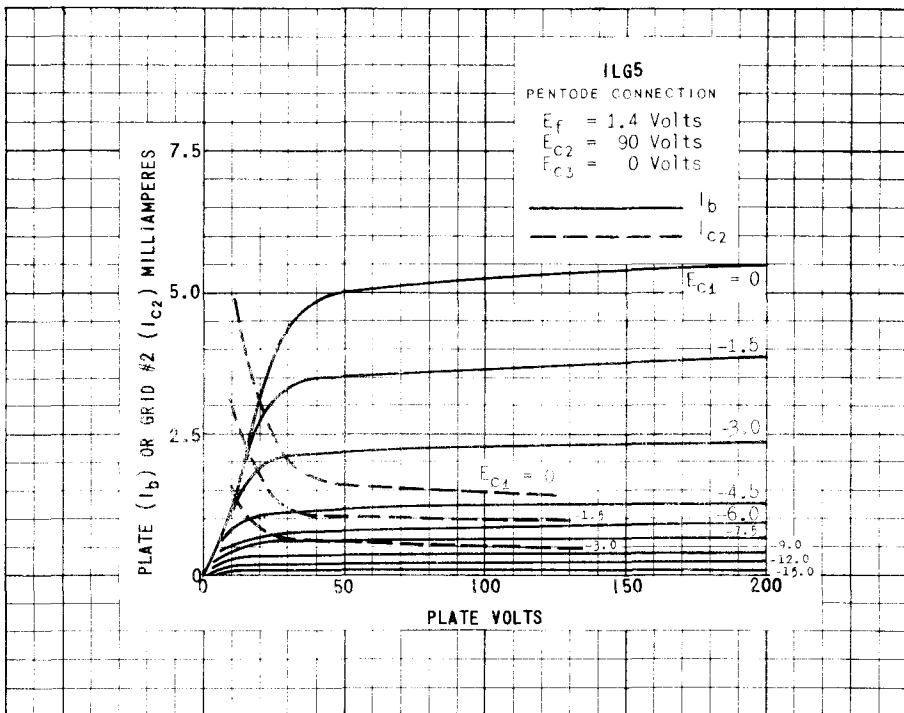
FILAMENT VOLTAGE	1.4	VOLTS
MAXIMUM PLATE VOLTAGE	110	VOLTS
MAXIMUM GRID #2 VOLTAGE	110	VOLTS

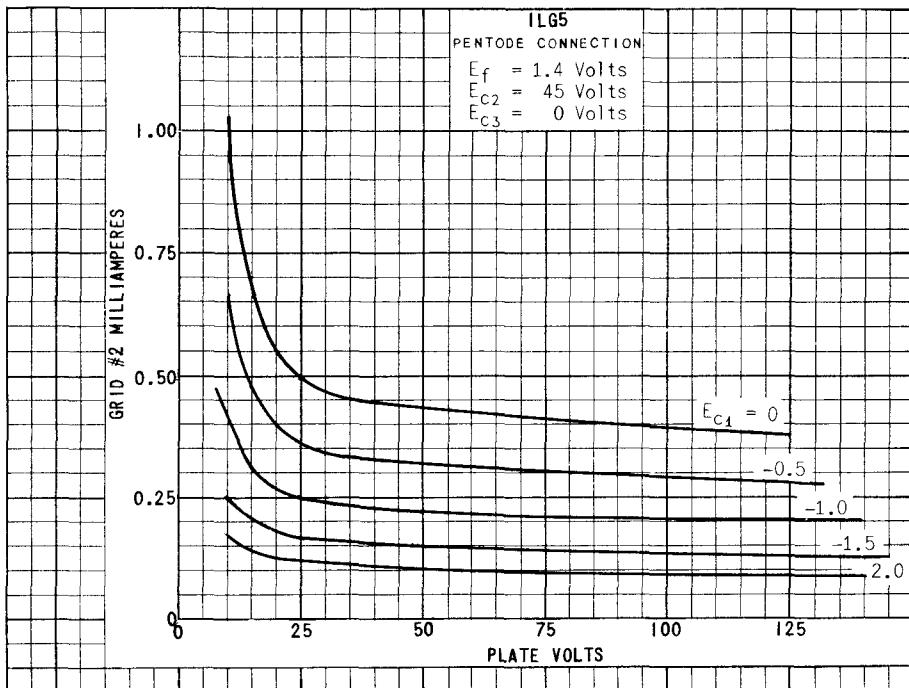
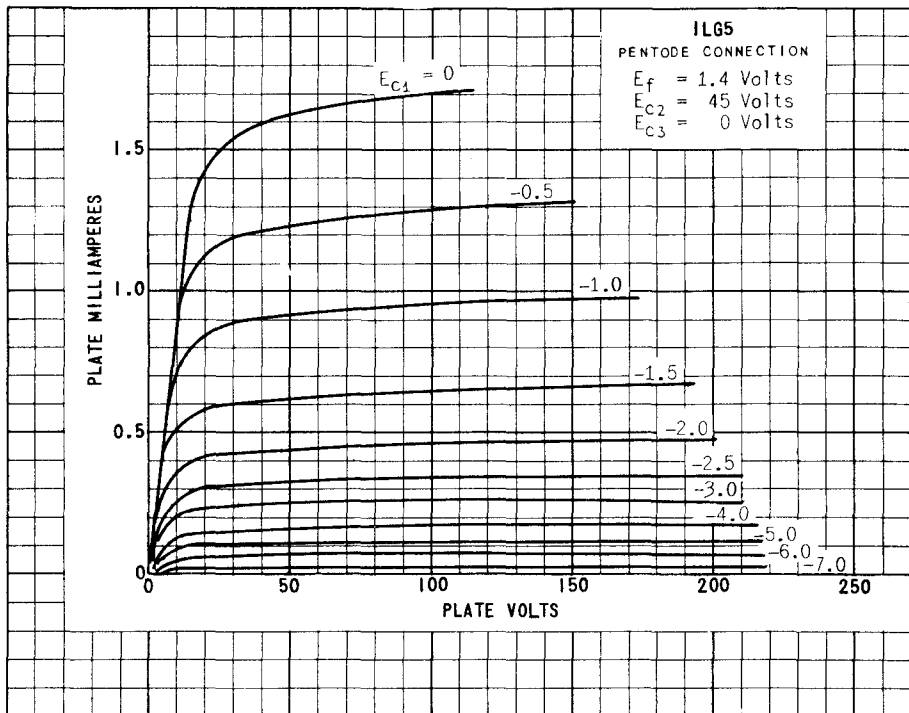
TYPICAL OPERATING CONDITIONS AND CHARACTERISTICS

CLASS A_1 AMPLIFIER

FILAMENT VOLTAGE	1.4	1.4	VOLTS
FILAMENT CURRENT	50	50	MA.
PLATE VOLTAGE	90	90	VOLTS
GRID #3 VOLTAGE			
GRID #2 VOLTAGE	90	45	VOLTS
GRID #1 VOLTAGE	-1.5	0	VOLTS
GRID #1 RESISTOR	2	2	MEGOHMS
PLATE RESISTANCE (APPROX.)	0.5	>1	MEGOHM
TRANSCONDUCTANCE	1 150	800	μMHOS
PLATE CURRENT	3.7	1.7	MA.
GRID #2 CURRENT	0.9	0.4	MA.
GRID #1 VOLTAGE (APPROX.) FOR $g_m = 10 \mu\text{MHOS}$	-19	-10	VOLTS

PIN #4 CONNECTED TO PIN #8 AT SOCKET





1LG5

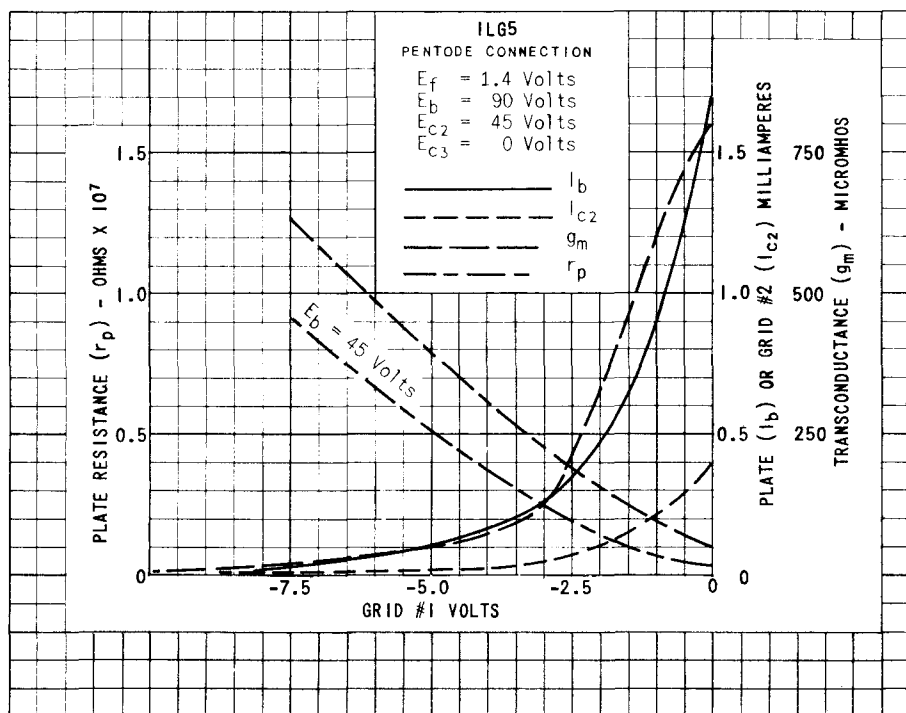
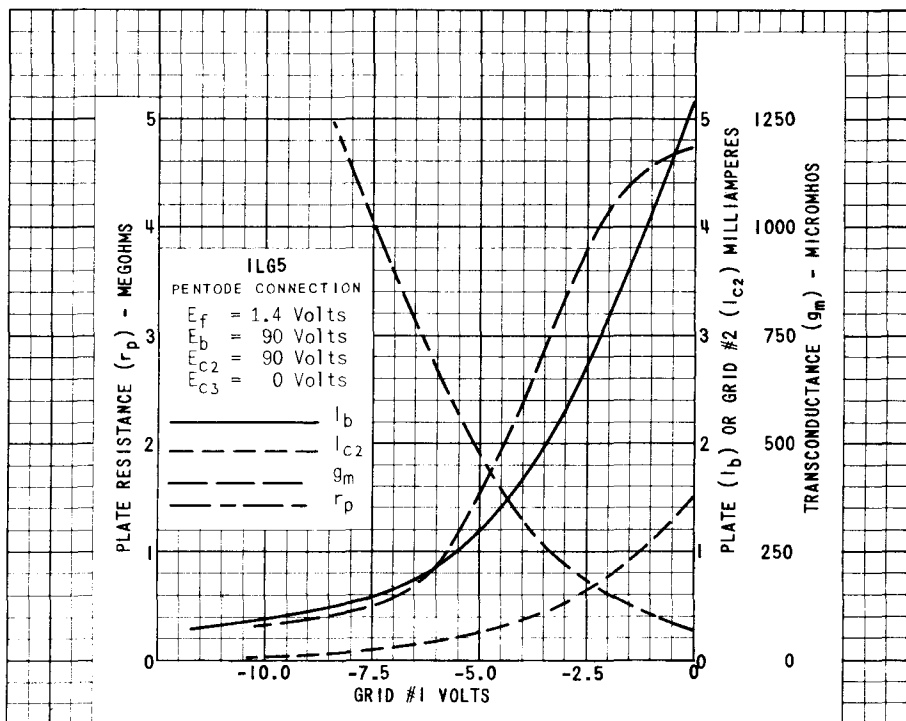


PLATE
 2152
 MAR. 1,
 1949