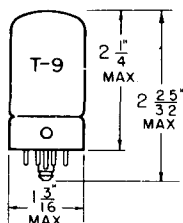


TUNG-SOL

PENTODE



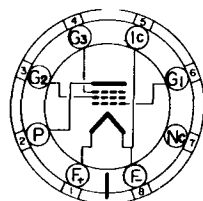
GLASS BULB

COATED FILAMENT

1.4 VOLTS 50 MA.

DC

ANY MOUNTING POSITION



BOTTOM VIEW

LOCK-IN 8 PIN BASE

7AO

THE 1LC5 IS A SHARP CUT-OFF BATTERY TYPE PENTODE AMPLIFIER. IT IS INTENDED FOR SERVICE AS AN RF OR AF AMPLIFIER WHERE ECONOMY OF BATTERY POWER IS IMPORTANT.

DIRECT INTERELECTRODE CAPACITANCES

WITH SHIELD NO. 308 CONNECTED TO NEGATIVE FILAMENT

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

RATINGS

INTERPRETED ACCORDING TO RMA STANDARD MB-210

FILAMENT VOLTAGE	1.4	VOLTS
MAXIMUM PLATE VOLTAGE	110	VOLTS
MAXIMUM GRID #2 VOLTAGE	45	VOLTS

TYPICAL OPERATING CONDITIONS AND CHARACTERISTICS

CLASS A₁ AMPLIFIER

FILAMENT VOLTAGE	1.4	1.4	VOLTS
FILAMENT CURRENT	50	50	MA.
PLATE VOLTAGE	45	90	VOLTS
GRID #3 VOLTAGE	PIN #4 CONNECTED TO PIN #8 AT SOCKET		
GRID #2 VOLTAGE	45	45	VOLTS
GRID #1 VOLTAGE ^A	0	0	VOLTS
PLATE RESISTANCE (APPROX.)	0.7	1.5	MEG.
TRANSCONDUCTANCE	750	775	μMHOS
PLATE CURRENT	1.1	1.15	MA.
GRID #2 CURRENT	0.35	0.30	MA.
GRID #1 VOLTAGE (APPROX.) FOR $I_b = 10 \mu\text{A}$	-3.4	-3.4	VOLTS

^A A RESISTANCE OF AT LEAST 1 MEGOHM SHOULD BE IN THE GRID RETURN TO THE NEGATIVE FILAMENT, PIN #8, UNDER MAXIMUM RATED CONDITIONS.

PLATE
2137
FEB. 1,
1949

1LC5

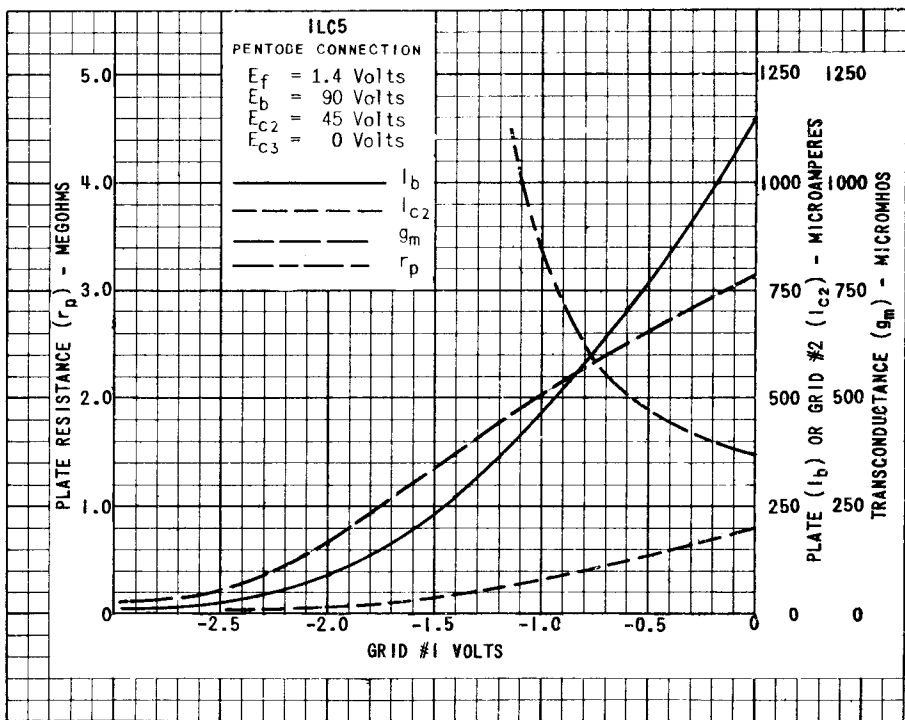
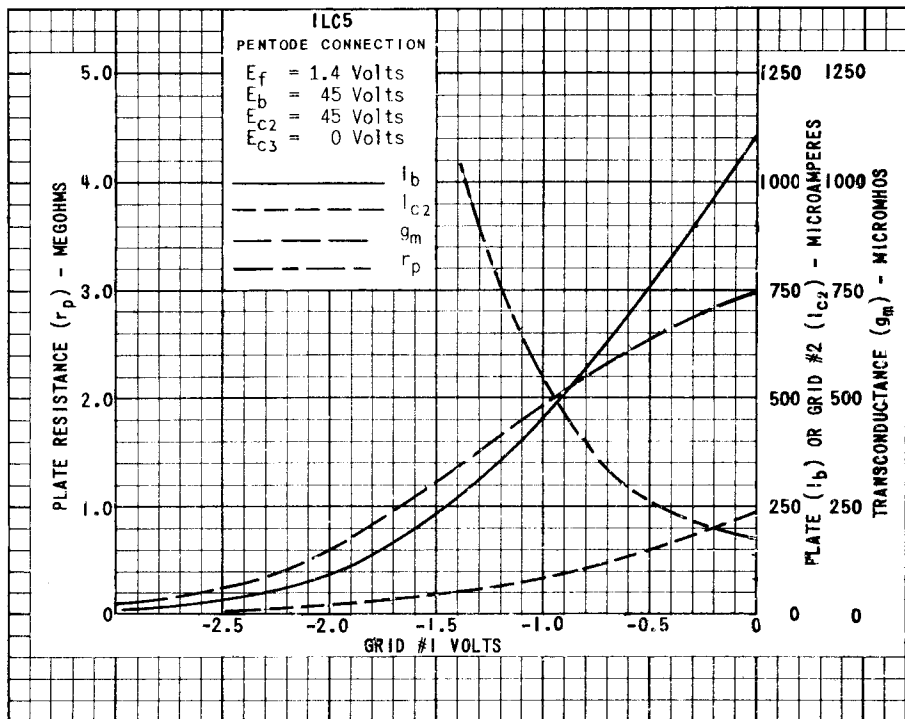


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 1949

