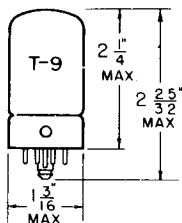


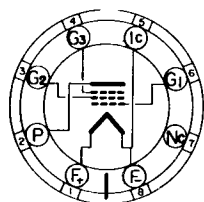
TUNG-SOL

PENTODE



GLASS BULB

COATED FILAMENT
 1.4 VOLTS 50 MA.
 DC
 ANY MOUNTING POSITION



BOTTOM VIEW

LOCK-IN 8 PIN BASE
 7A0

THE ILC5 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	μuf
INPUT: G ₁ TO (F+G ₂ +G ₃)	3.2	μuf
OUTPUT: P TO (F+G ₂ +G ₃)	7	μuf

RATINGS

INTERPRETED ACCORDING TO RMA STANDARD M8-210

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

TYPICAL OPERATING CONDITIONS AND CHARACTERISTICS

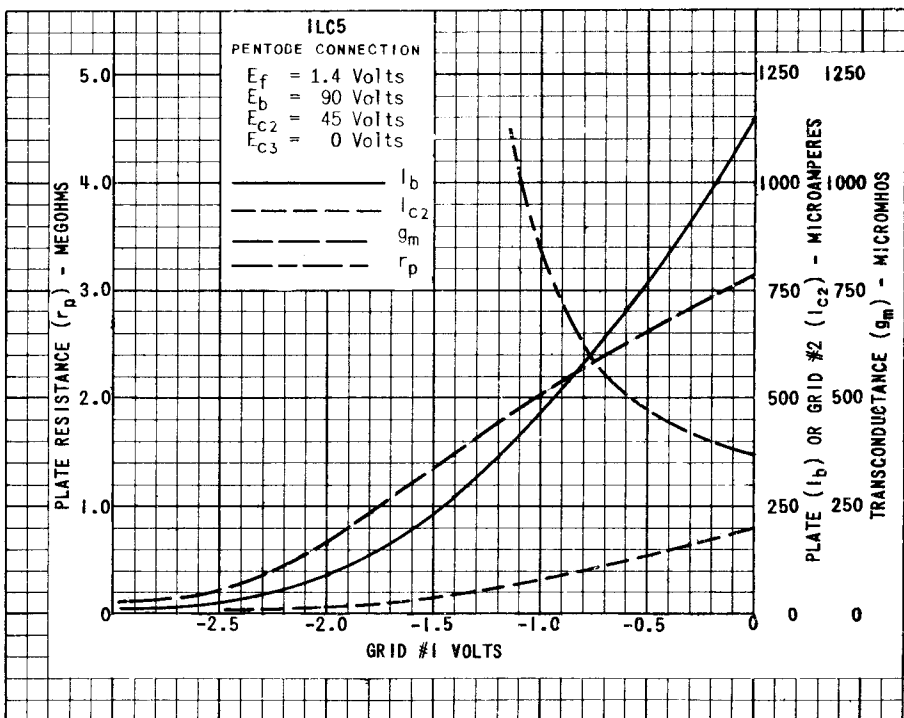
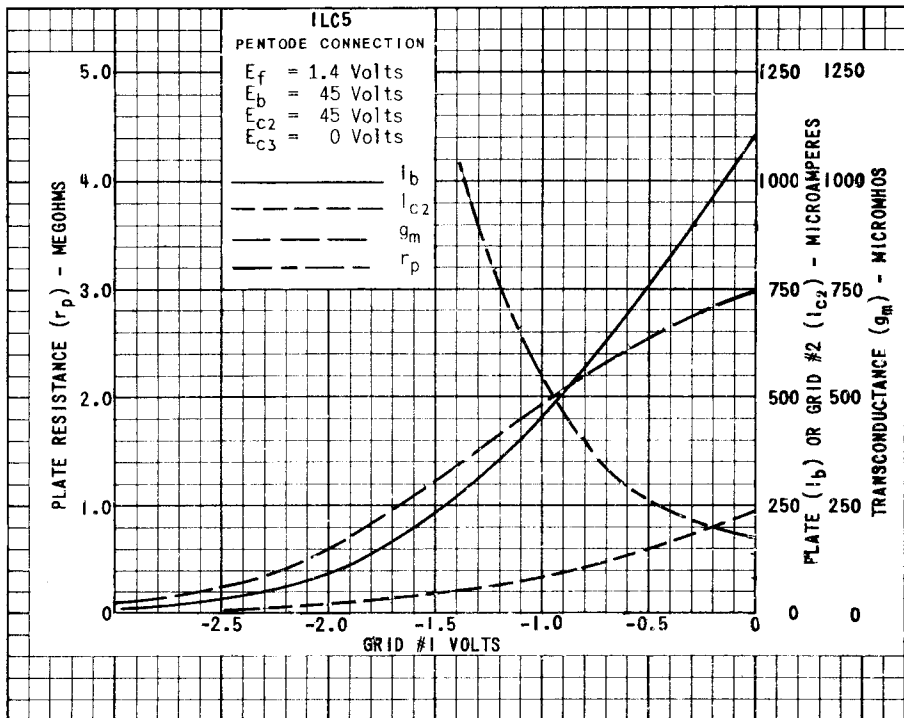
CLASS A₁ AMPLIFIER

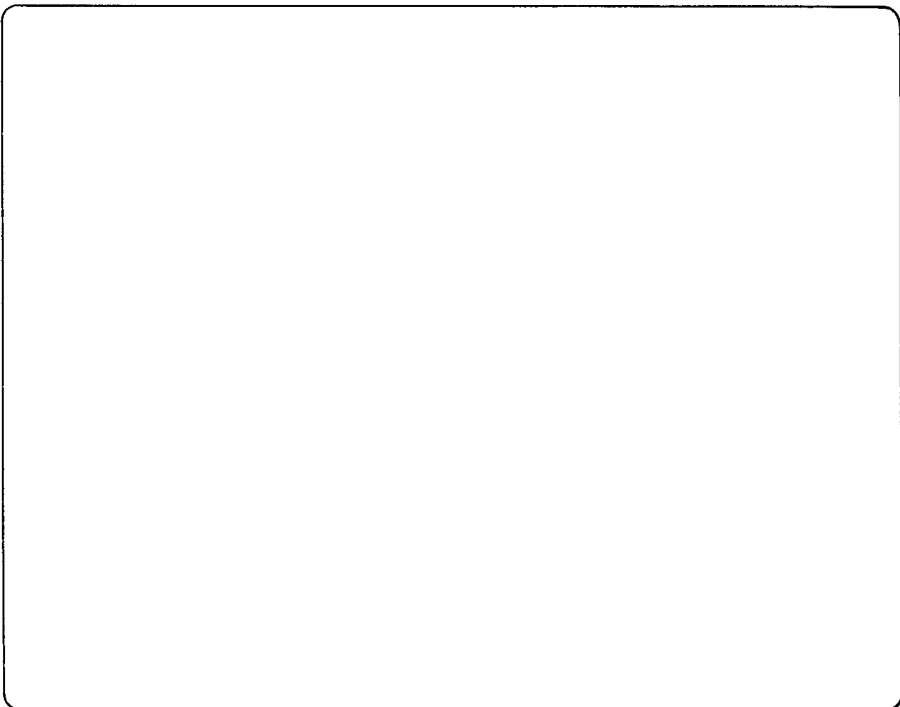
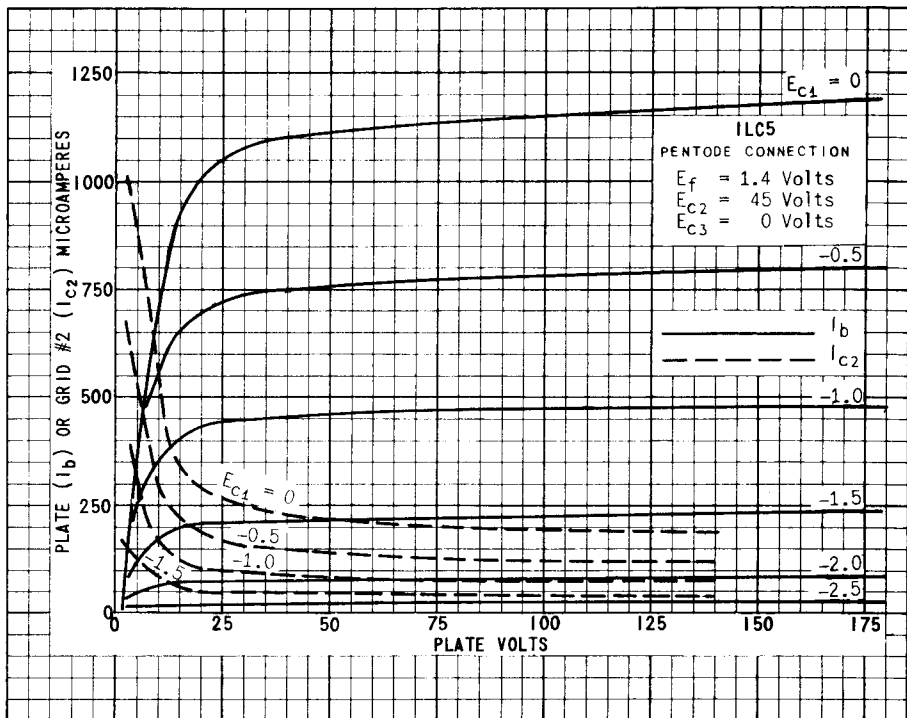
FILAMENT VOLTAGE	1.4	1.4	VOLTS
FILAMENT CURRENT	50	50	MA.
PLATE VOLTAGE	45	90	VOLTS
GRID #3 VOLTAGE			PIN #4 CONNECTED TO PIN #8 AT SOCKET
GRID #2 VOLTAGE	45	45	VOLTS
GRID #1 VOLTAGE ^A	0	0	VOLTS
PLATE RESISTANCE (APPROX.)	0.7	1.5	MEG.
TRANSCONDUCTANCE	750	775	μMHOS
PLATE CURRENT	1.1	1.15	MA.
GRID #2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

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PLATE
 2137
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