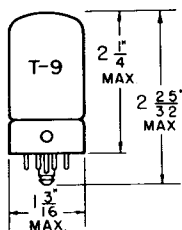


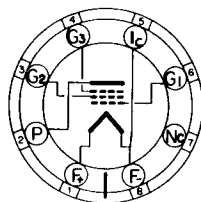
TUNG-SOL

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

RATINGS

INTERPRETED ACCORDING TO RMA STANDARD MB-210

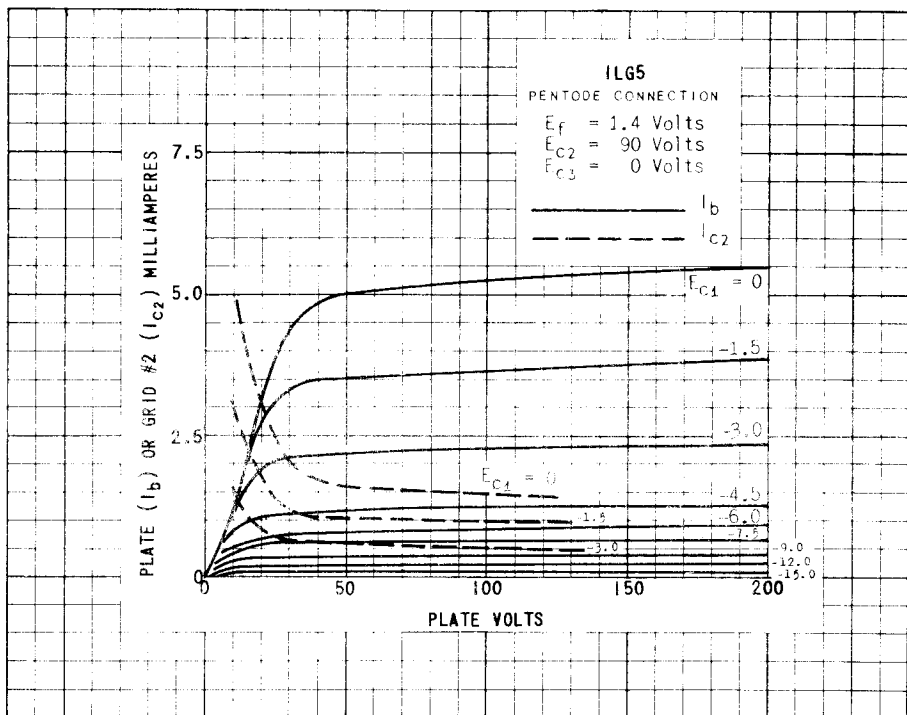
FILAMENT VOLTAGE	1.4	VOLTS
MAXIMUM PLATE VOLTAGE	110	VOLTS
MAXIMUM GRID #2 VOLTAGE	110	VOLTS

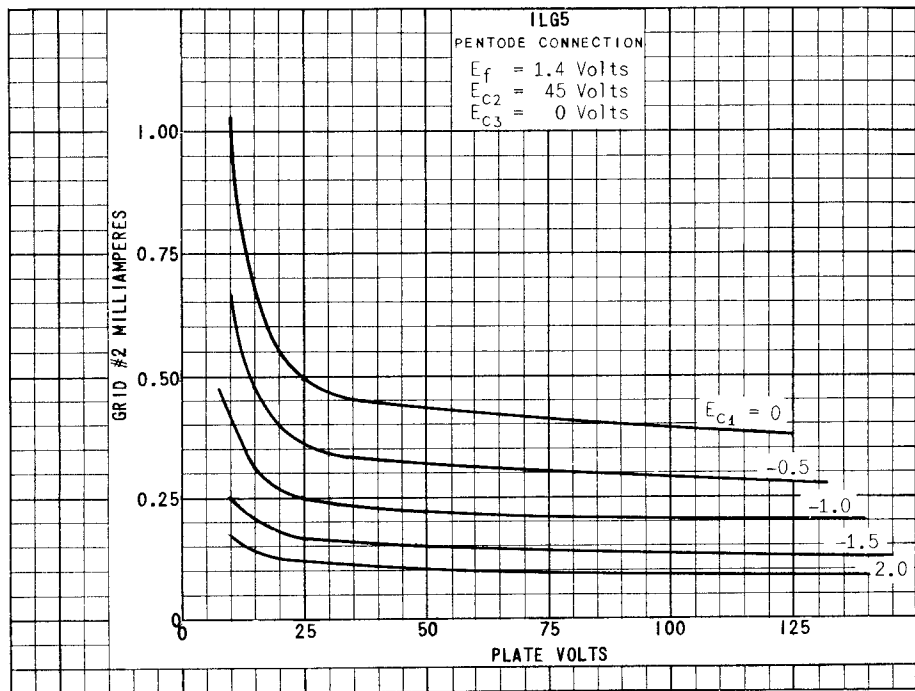
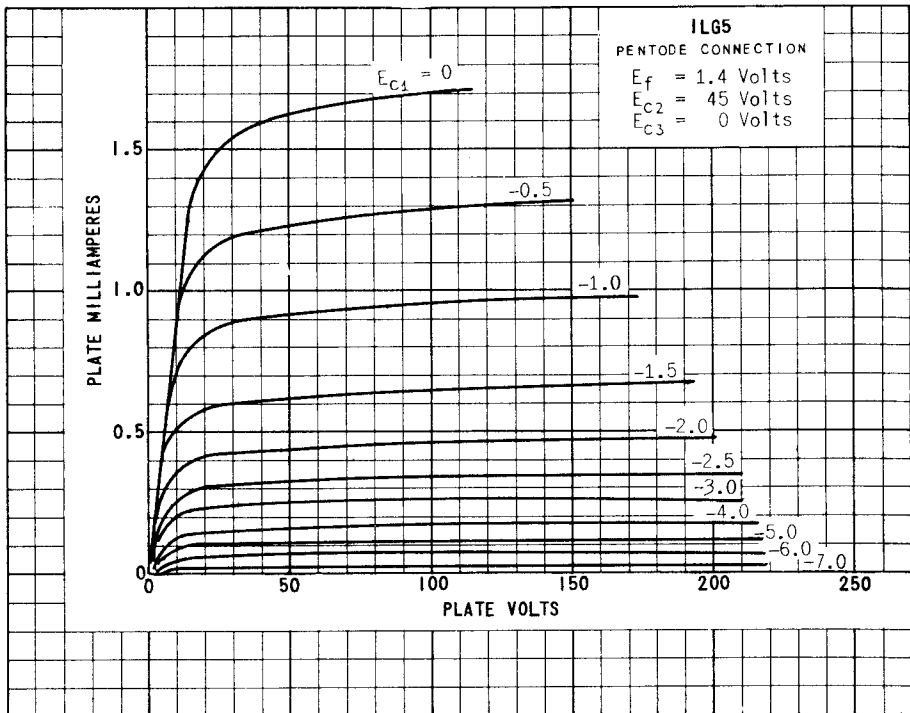
TYPICAL OPERATING CONDITIONS AND CHARACTERISTICS

CLASS A₁ AMPLIFIER

FILAMENT VOLTAGE	1.4	1.4	VOLTS
FILAMENT CURRENT	50	50	MA.
PLATE VOLTAGE	90	90	VOLTS
GRID #3 VOLTAGE	90	45	VOLTS
GRID #2 VOLTAGE	-1.5	0	VOLTS
GRID #1 VOLTAGE	2	2	MEGOHMS
GRID #1 RESISTOR	0.5	>1	MEGOHMS
PLATE RESISTANCE (APPROX.)	1 150	800	μMHOS
TRANSCONDUCTANCE	3.7	1.7	MA.
PLATE CURRENT	0.9	0.4	MA.
GRID #2 CURRENT	-19	-10	VOLTS
GRID #1 VOLTAGE (APPROX.) FOR g _m = 10 μMHOS			

PIN #4 CONNECTED TO PIN #8 AT SOCKET





1LG5

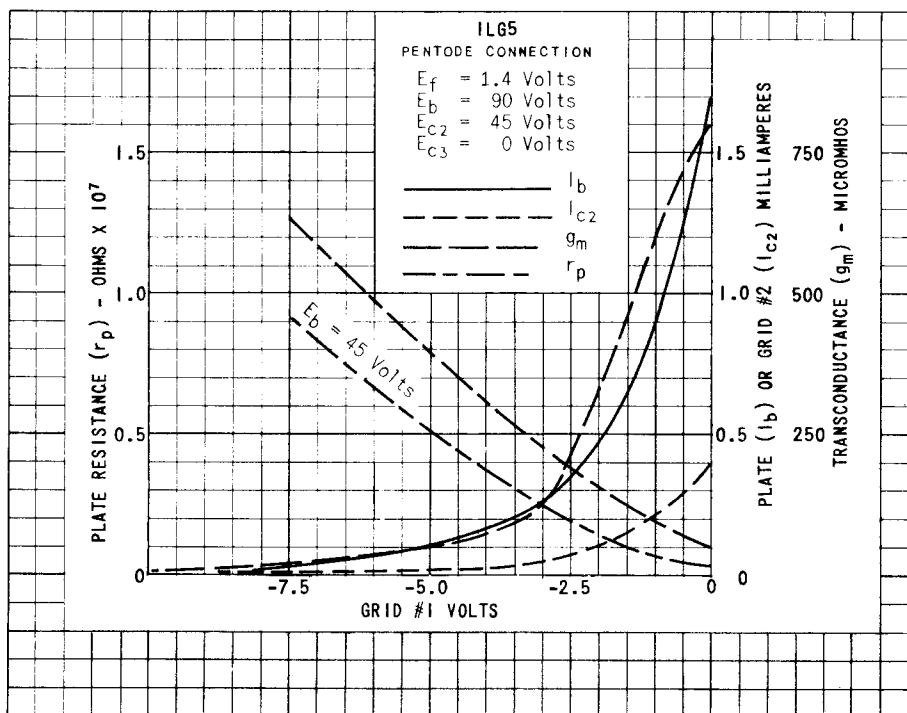
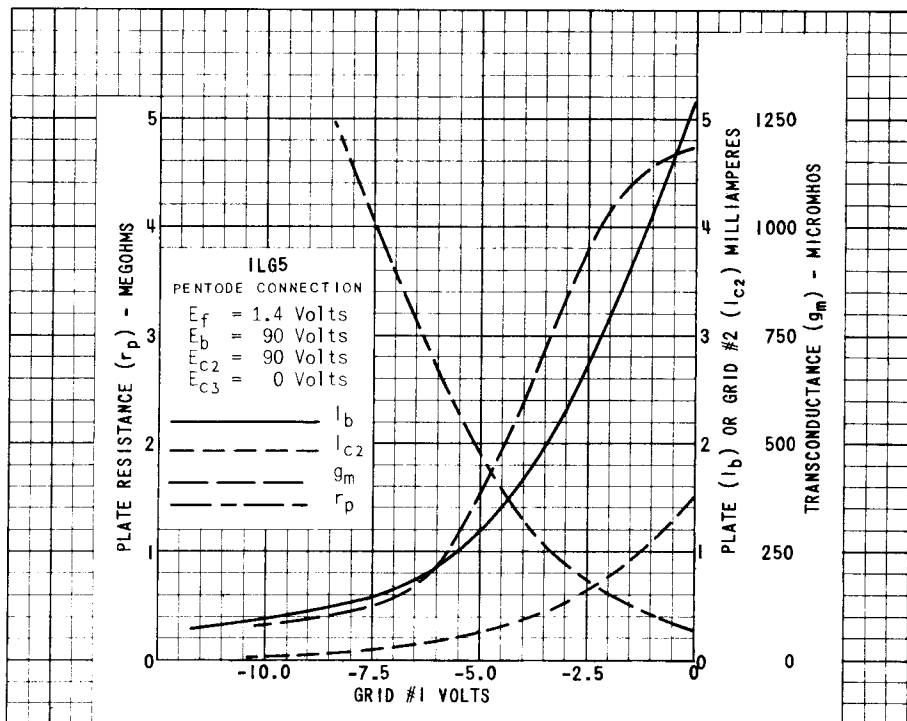


PLATE
 2152
 MAR. 1,
 1949