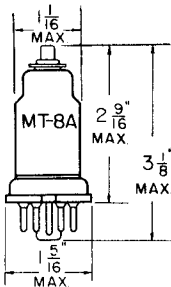


TUNG-SOL

PENTODE



METAL SHELL

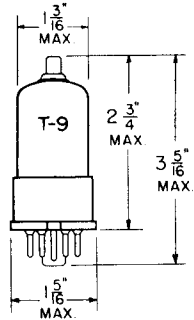
COATED UNIPOTENTIAL CATHODE

HEATER

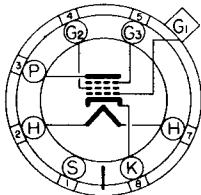
6.3 VOLTS 300 MA.

AC OR DC

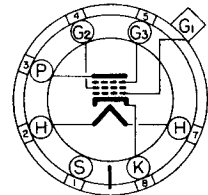
ANY MOUNTING POSITION



GLASS BULB



BOTTOM VIEW

SMALL WAFER
7 PIN OCTAL
7R

BOTTOM VIEW

SMALL WAFER
7 PIN OCTAL
METAL SLEEVE
7R

THE 6K7,6K7GT IS A VARIABLE MU PENTODE AMPLIFIER IN THE OCTAL METAL (GLASS) CONSTRUCTION. IT IS SUITABLE FOR USE WITH AVC IN RF AND IF AMPLIFIERS AND MINIMIZES CROSS MODULATION.

DIRECT INTERELECTRODE CAPACITANCES

	6K7 ^A	6K7GT ^B	
GRID TO PLATE: (G TO P) MAX.	0.005	0.005	μuf
INPUT: G ₁ TO (H+K+G ₂ +G ₃ +S+IS)	7	4.6	μuf
OUTPUT: P TO (H+K+G ₂ +G ₃ +S+IS)	12	12	μuf

^A WITH SHELL CONNECTED TO CATHODE^B WITH EXTERNAL SHIELD #308 CONNECTED TO PIN #1 AND PIN #8.

RATINGS

INTERPRETED ACCORDING TO RMA STANDARD M8-210

HEATER VOLTAGE	6.3	VOLTS
MAXIMUM HEATER-CATHODE VOLTAGE	90	VOLTS
MAXIMUM PLATE VOLTAGE	300	VOLTS
MAXIMUM GRID #2 VOLTAGE	125	VOLTS
MAXIMUM GRID #2 SUPPLY VOLTAGE	300	VOLTS
MAXIMUM POSITIVE DC GRID #1 VOLTAGE	0	VOLTS
MAXIMUM PLATE DISSIPATION	2.75	WATTS
MAXIMUM GRID #2 DISSIPATION	0.35	WATT

CONTINUED ON FOLLOWING PAGE

→ INDICATES A CHANGE OR ADDITION.

CONTINUED FROM PRECEDING PAGE

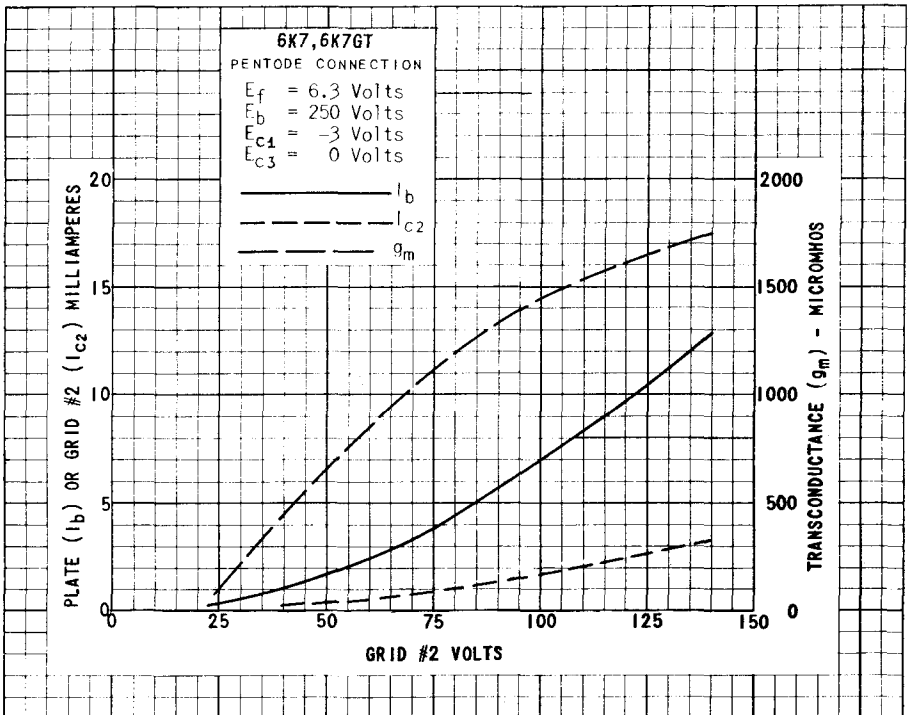
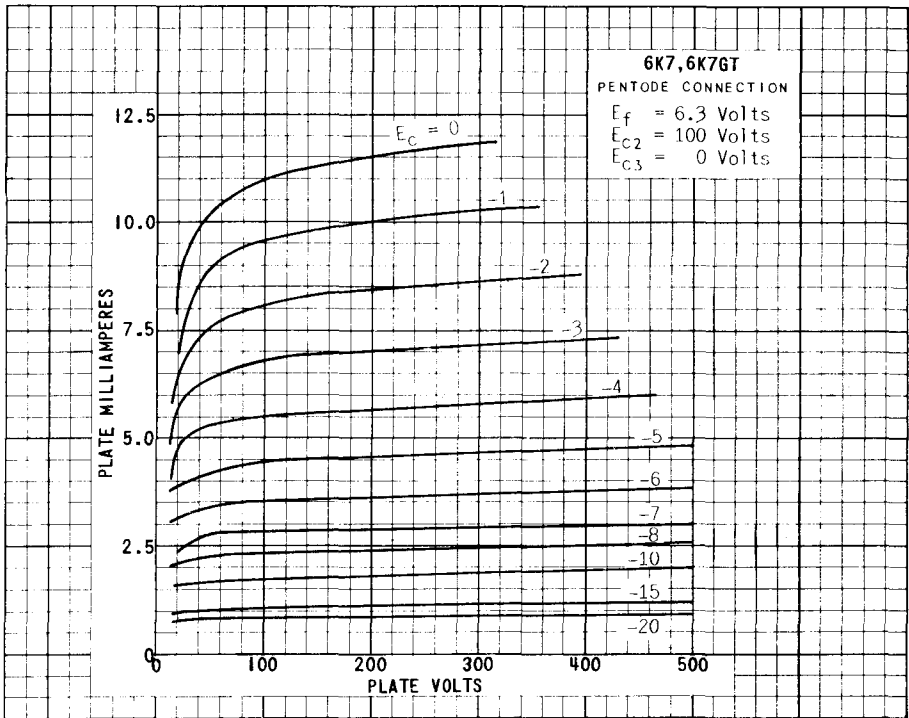
TYPICAL OPERATING CONDITIONS AND CHARACTERISTICS

CLASS A₁ AMPLIFIER

HEATER VOLTAGE	6.3	6.3	6.3	VOLTS
HEATER CURRENT	300	300	300	MA.
PLATE VOLTAGE	100	250	250	VOLTS
GRID #3 VOLTAGE	PIN #5 CONNECTED TO PIN #8 AT SOCKET			
GRID #2 VOLTAGE	100	100	125	VOLTS
GRID #1 VOLTAGE	-1	-3	-3	VOLTS
PLATE RESISTANCE (APPROX.)	0.15	0.8	0.6	MEGOHM
TRANSCONDUCTANCE	1 650	1 450	1 650	μMHOS
PLATE CURRENT	9.5	7	10.5	MA.
GRID #2 CURRENT	2.7	1.7	2.6	MA.
GRID #4 VOLTAGE FOR $G_m = 2 \mu\text{MHOS}$ (APPROX.)	-38.5	-42.5	-52.5	VOLTS

→ INDICATES A CHANGE OR ADDITION.

 PLATE
2220
JULY 1,
1949



6K7, 6K7GT (12K7GT)

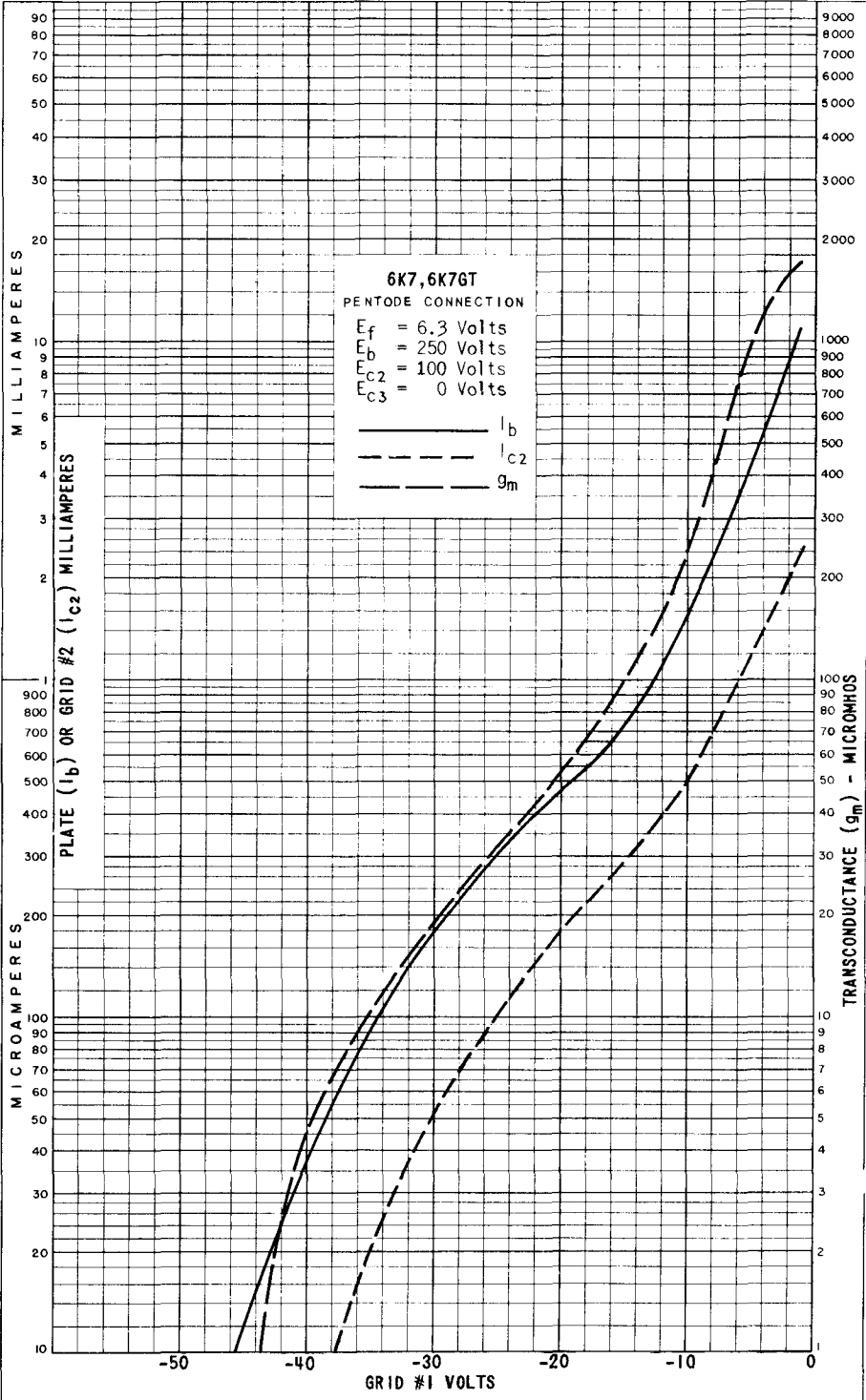


PLATE 2222
JULY 1, 1949