

TUNG-SOL

PENTODE

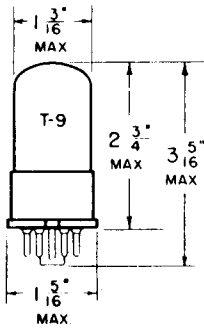
COATED UNIPOTENTIAL CATHODE

HEATER

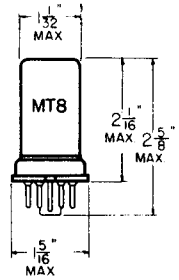
6.3 VOLTS 0.3 AMP.

AC OR DC

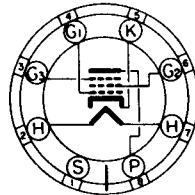
ANY MOUNTING POSITION



6SK7GT
GLASS BULB



6SK7
METAL SHELL



BOTTOM VIEW
SMALL WAFER
8 PIN OCTAL

88

THE 6SK7 AND 6SK7GT ARE TRIPLE GRID VARIABLE MU AMPLIFIERS. THEY ARE DESIGNED FOR USE WITH AVC IN RF AND IF AMPLIFIERS, AND THEY MINIMIZE CROSS MODULATION.

DIRECT INTERELECTRODE CAPACITANCES

	6SK7 ^A	6SK7GT ^B	
GRID TO PLATE	0.003	0.005	μf
INPUT	6.0	6.5	μf
OUTPUT	7.0	7.5	μf

^A PIN #1 CONNECTED TO PIN #5.

^B EXTERNAL SHIELD #308 CONNECTED TO PIN #5.

RATINGS

INTERPRETED ACCORDING TO RMA STANDARD MB-210

HEATER VOLTAGE	6.3	VOLTS
MAXIMUM HEATER CATHODE VOLTAGE	90	VOLTS
MAXIMUM PLATE VOLTAGE	300	VOLTS
MAXIMUM GRID #2 SUPPLY VOLTAGE	300	VOLTS
MAXIMUM GRID #2 VOLTAGE	SEE J5-C4	
MAXIMUM POSITIVE DC GRID #1 VOLTAGE	0	VOLTS
MAXIMUM PLATE DISSIPATION	4.0	WATTS
MAXIMUM GRID #2 DISSIPATION	0.4	WATT

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→ INDICATES A CHANGE.

* INDICATES AN ADDITION.

6SK7, 6SK7GT (12SK7, 12SK7GT)

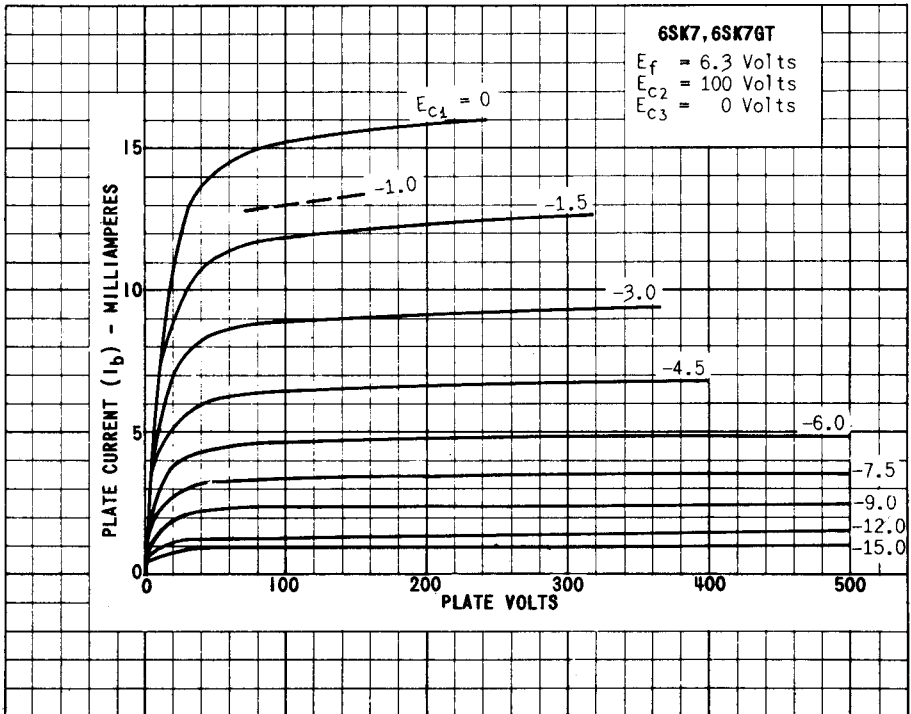
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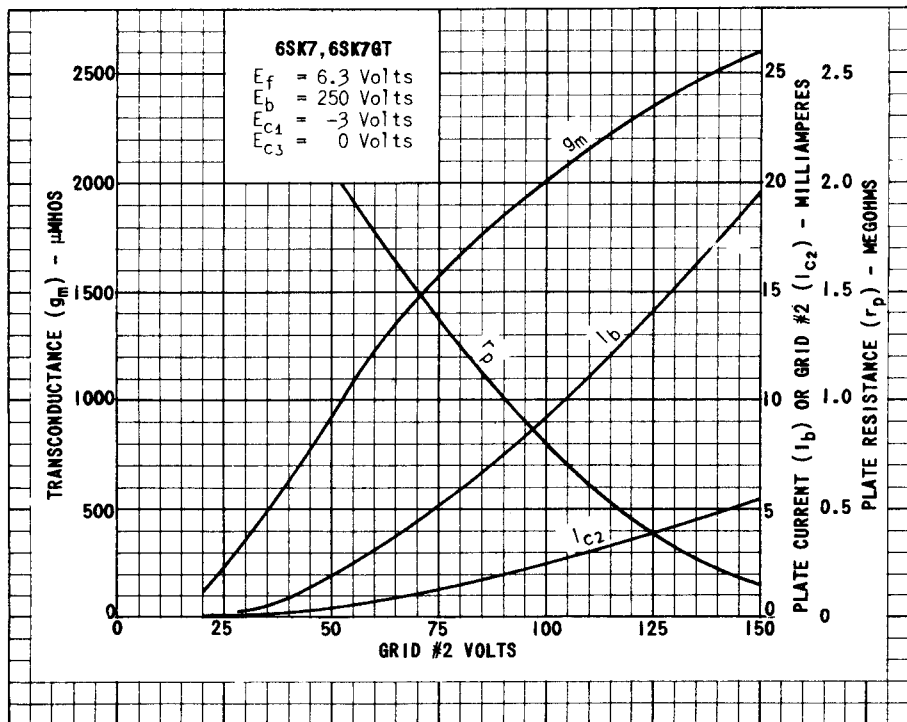
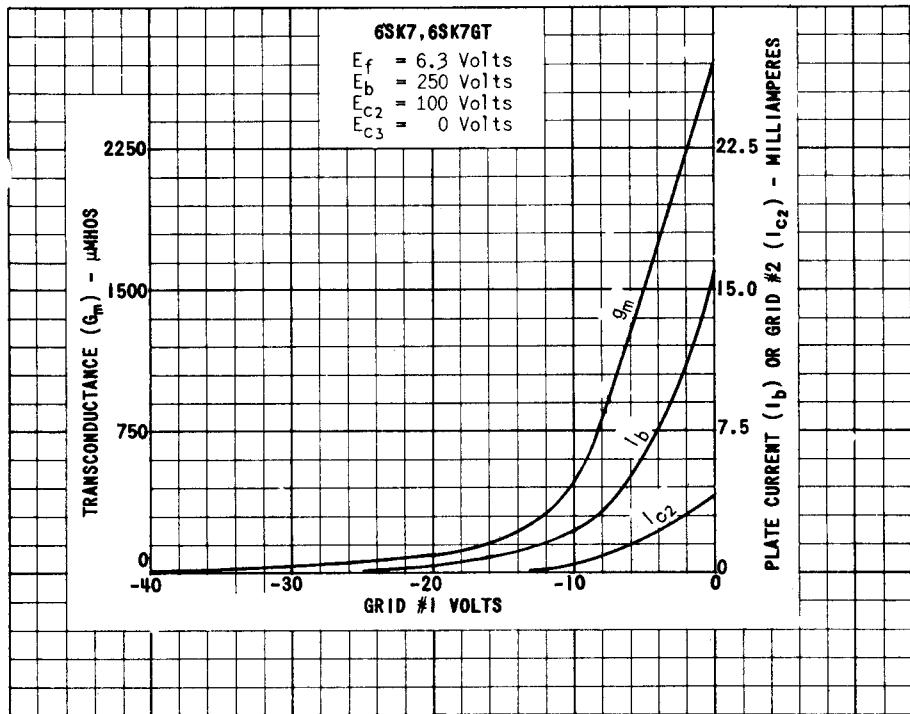
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TYPICAL OPERATING CONDITIONS AND CHARACTERISTICS

CLASS A₁ AMPLIFIER

HEATER VOLTAGE	6.3	6.3	VOLTS
HEATER CURRENT	0.3	0.3	AMP.
PLATE VOLTAGE	100	250	VOLTS
GRID #2 VOLTAGE	100	100	VOLTS
GRID #1 VOLTAGE	-1	-3	VOLTS
GRID #3 VOLTAGE	PIN #3 CONNECTED TO PIN #5 AT SOCKET		
PLATE CURRENT	13	9.2	MA.
GRID #2 CURRENT	4.0	2.6	MA.
PLATE RESISTANCE (APPROX.)	0.12	0.8	MEGOHM
TRANSCONDUCTANCE	2 350	2 000	μMHOS
GRID #1 VOLTAGE (APPROX.) FOR $G_m = 10 \mu\text{MHOS}$	-35	-35	VOLTS





6SK7, 6SK7GT (12SK7, 12SK7GT)

