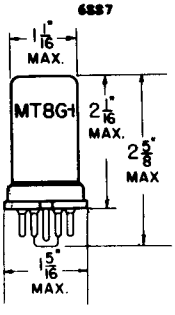
TUNG-SOL

PENTODE AMPLIFIER

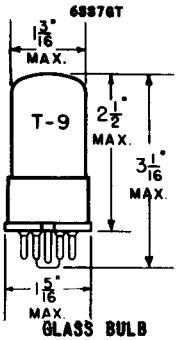


METAL SHELL

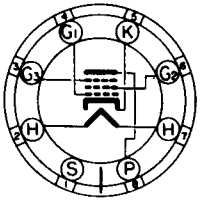
COATED UNIPOTENTIAL CATHODE

HEATER
6.3 VOLTS 0.15 AMPERE
AC OR DC

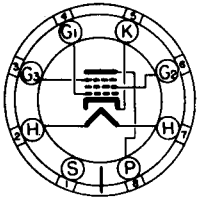
ANY MOUNTING POSITION



GLASS BULB



BOTTOM VIEW
SMALL WAFER
8 PIN OCTAL



BOTTOM VIEW
SMALL WAFER
8 PIN OCTAL
METAL SLEEVE

THE 6SS7 AND 6SS7GT ARE RF PENTODES WHICH HAVE REMOTE PLATE CURRENT CUT-OFF. THEY ARE SUITABLE FOR OPERATING WITH AVC IN RF AND IF AMPLIFIERS. THE USE OF THESE TUBES WILL REDUCE CROSS MODULATION EFFECTS.

RATINGS

INTERPRETED ACCORDING TO RMA STANDARD M8-210

HEATER VOLTAGE	6.3	VOLTS
HEATER CURRENT	0.15	AMP.
MAXIMUM PLATE VOLTAGE	300	VOLTS
MAXIMUM SCREEN VOLTAGE	100	VOLTS
MAXIMUM SCREEN SUPPLY VOLTAGE	300	VOLTS
MINIMUM CONTROL GRID VOLTAGE	0	VOLTS
MAXIMUM PLATE DISSIPATION	2.25	WATTS
MAXIMUM SCREEN DISSIPATION	0.35	WATTS
MAXIMUM HEATER-CATHODE VOLTAGE	90	VOLTS

DIRECT INTERELECTRODE CAPACITANCES

	6SS7 WITH SHELL CONNECTED TO CATHODE	6SS7GT WITH EXTERNAL SHIELD CONNECTED TO CATHODE	
GRID TO PLATE (MAX.)	0.004	0.004	μμf
INPUT	5.5	5	μμf
OUTPUT	7	6	μμf

CONTINUED ON FOLLOWING PAGE

→ INDICATES A CHANGE OR ADDITION.

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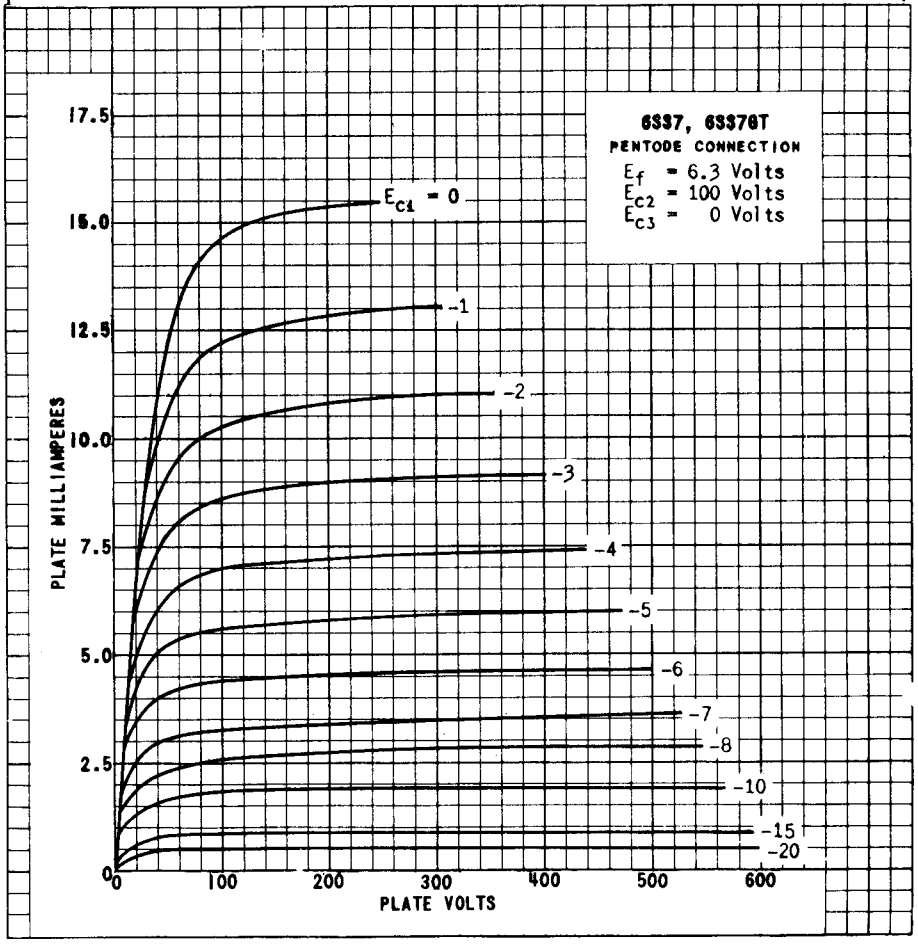
TUNG-SOL

CONTINUED FROM PRECEDING PAGE

TYPICAL OPERATING CONDITIONS AND CHARACTERISTICS

CLASS A_1 AMPLIFIER

	6SS7	6SS7GT	6SS7 6SS7GT	
PLATE VOLTAGE	100	100	250	VOLTS
SCREEN VOLTAGE	100	100	100	VOLTS
CONTROL GRID VOLTAGE	-1	-1	-3	VOLTS
SUPPRESSOR VOLTAGE	0	0	0	VOLTS
PLATE CURRENT	12.2	12.2	9	MA.
SCREEN CURRENT	3.1	3.1	2	MA.
PLATE RESISTANCE (APPROX.)	0.12	0.12	1	MEGOHM
TRANSCONDUCTANCE	1 930	2 200	1 850	µMHOS
GRID VOLTAGE (APPROX.) FOR TRANSCONDUCTANCE = 10 µMHOS	-35	-35	-35	VOLTS



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