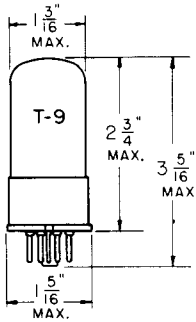
TUNG-SOL

R. F. PENTODE



COATED FILAMENT

1.4 VOLTS .050 AMPERE

DC

GLASS BULB

ANY MOUNTING POSITION

BOTTOM VIEW

SMALL WAFER OCTAL
8 PIN BASE WITH
METAL SHELL

1SA6GT IS A FILAMENT TYPE MEDIUM CUT-OFF PENTODE AMPLIFIER DESIGNED FOR PORTABLE EQUIPMENT. IT PROVIDES HIGH GAIN THROUGH THE USE OF HIGH TRANSCONDUCTANCE AND ADEQUATE SHIELDING TO MAINTAIN LOW GRID-PLATE CAPACITANCE WITH SINGLE ENDED STRUCTURE.

RATINGS

INTERPRETED ACCORDING TO RMA STANDARD M8-210

MAXIMUM PLATE VOLTAGE	90	VOLTS
MAXIMUM SCREEN VOLTAGE	67.5	VOLTS
MAXIMUM TOTAL CATHODE CURRENT	6.0	MA.

DIRECT INTERELECTRODE CAPACITANCES

CONTROL GRID TO PLATE	0.01	MAX.	μμf
INPUT (CONTROL GRID - FIL, G2, G3)	5.2		μμf
OUTPUT (PENTODE PLATE - FIL, G2, G3)	8.6		μμf

TYPICAL OPERATING CONDITIONS AND CHARACTERISTICS

PLATE VOLTAGE	45	67.5	90	VOLTS
SCREEN GRID (G2) VOLTAGE	45	67.5	67.5	VOLTS
CONTROL GRID (G1) VOLTAGE	0	0	0	VOLTS
SUPPRESSOR GRID (G3) VOLTAGE	0	0	0	VOLTS
PLATE CURRENT	1.1	2.4	2.45	MA.
SCREEN GRID CURRENT	0.3	0.7	0.68	MA.
TRANSCONDUCTANCE	750	950	970	μMHOS
PLATE RESISTANCE	0.7	0.6	0.8	MEGOHM
APPROXIMATE CONTROL GRID VOLT FOR TRANSCONDUCTANCE = 5 μMHOS	-3.5	-5.5	-5.5	VOLTS

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