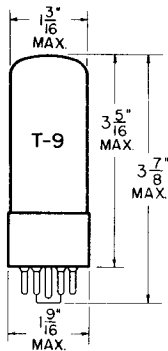


TUNG-SOL

BEAM PENTODE



GLASS BULB

COATED UNIPOTENTIAL CATHODE

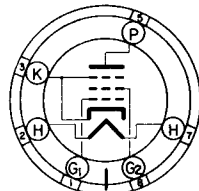
HEATER

6.3 VOLTS 0.9 AMP.

AC OR DC

MOUNTING POSITION

VERTICAL - BASE UP OR DOWN.
HORIZONTAL - PLANE OF PINS 2 & 7 VERTICAL.



BOTTOM VIEW
INTERMEDIATE SHELL
6 PIN OCTAL
fck

THE 6BD5GT IS A BEAM POWER AMPLIFIER DESIGNED FOR USE AS A HORIZONTAL DEFLECTION AMPLIFIER IN LOW COST, HIGH EFFICIENCY DEFLECTION CIRCUITS OF TELEVISION RECEIVERS.

RATINGS

INTERPRETED ACCORDING TO RMA STANDARD M8-220

HEATER VOLTAGE	6.3	VOLTS
MAXIMUM HEATER-CATHODE VOLTAGE	135	VOLTS
MAXIMUM DC PLATE VOLTAGE	325	VOLTS
MAXIMUM PEAK POSITIVE SURGE PLATE VOLTAGE ^A	4000	VOLTS
MAXIMUM DC GRID #2 VOLTAGE	325	VOLTS
MAXIMUM PEAK NEGATIVE SURGE GRID #1 VOLTAGE ^A	-200	VOLTS
MAXIMUM PLATE DISSIPATION	10	WATTS
MAXIMUM GRID #2 DISSIPATION	3	WATTS
MAXIMUM DC CATHODE CURRENT	100	MA.
MAXIMUM PEAK CATHODE CURRENT	300	MA.
MAXIMUM GRID #1 CIRCUIT RESISTANCE	1	MEGOHM

^A THE DURATION OF THE VOLTAGE PULSE MUST NOT EXCEED 10 MICROSECONDS, OR 15% OF THE PULSE RECURRENT PERIOD WHICHEVER IS SMALLER.

TYPICAL OPERATING CONDITIONS AND CHARACTERISTICS

CLASS A₁ AMPLIFIER

HEATER VOLTAGE	6.3	VOLTS
HEATER CURRENT	0.9	AMP.
DC PLATE AND GRID #2 VOLTAGE	200	VOLTS
DC GRID #1 VOLTAGE	-12	VOLTS
TRANSCONDUCTANCE	5000	μMHOS

HORIZONTAL DEFLECTION AMPLIFIER

HEATER VOLTAGE	6.3	VOLTS
HEATER CURRENT	0.9	AMP.
DC PLATE AND GRID #2 SUPPLY VOLTAGE	310	VOLTS
PEAK POSITIVE SURGE PLATE VOLTAGE (APPROX.)	2500	VOLTS
PEAK NEGATIVE SURGE GRID #1 VOLTAGE (APPROX.)	-200	VOLTS
DC CATHODE CURRENT	90	MA.