TUNG-SOL

BEAM PENTODE

COATED UNIPOTENTIAL CATHODE

HEATER
25 VOLTS 0.3 AMP.
AC OR DC
ANY MOUNTING POSITION

BOTTOM VIEW
INTERMEDIATE SHELL
7 PIN OCTAL
TCG

GLASS BULB

THE 25L6GT IS DESIGNED FOR SERVICE IN THE OUTPUT STAGE OF AC/DC RECEIVERS. IT DELIVERS A HIGH POWER OUTPUT WITH HIGH POWER SENSITIVITY FROM LOW SUPPLY VOLTAGES.

RATINGS
INTERPRETED ACCORDING TO DESIGN CENTER SYSTEM

HEATER VOLTAGE
MAXIMUM PLATE VOLTAGE
MAXIMUM GRID #2 VOLTAGE
MAXIMUM PLATE DISSIPATION
MAXIMUM GRID #2 DISSIPATION
MAXIMUM GRID #1 CIRCUIT RESISTANCE [FIXED BIAS]
MAXIMUM GRID #1 CIRCUIT RESISTANCE [SELF BIAS]
MAXIMUM HEATER-CATHODE VOLTAGE:
  HEATER NEGATIVE WITH RESPECT TO CATHODE
    DC AND PEAK
  HEATER POSITIVE WITH RESPECT TO CATHODE
    DC
    DC AND PEAK

25 VOLTS
200 VOLTS
125 VOLTS
10 WATTS
1.25 WATTS
0.1 MEGOHM
0.5 MEGOHM
200 VOLTS
100 VOLTS
200 VOLTS

TYPICAL OPERATING CONDITIONS AND CHARACTERISTICS

CLASS A1 AMPLIFIER

HEATER VOLTAGE
HEATER CURRENT
PLATE VOLTAGE
GRID #2 VOLTAGE
GRID #1 VOLTAGE
CATHODE BIAS RESISTOR
PEAK AF GRID #1 VOLTAGE
PLATE RESISTANCE (APPROX.)
TRANSCONDUCTANCE
ZERO-SIGNAL PLATE CURRENT
MAXIMUM-SIGNAL PLATE CURRENT
ZERO-SIGNAL GRID #2 CURRENT
MAXIMUM-SIGNAL GRID #2 CURRENT
LOAD RESISTANCE
TOTAL HARMONIC DISTORTION (APPROX.)
POWER OUTPUT

25 VOLTS
0.3 AMP.
110 VOLTS
110 VOLTS
-7.5 VOLTS
0 OHMS
7.5 VOLTS
13 000 OHMS
8 000 MICROHMS
49 MA.
90 MA.
4 MA.
10 MA.
2 000 OHMS
10 PERCENT
2.1 WATTS

→ INDICATES A CHANGE.