TWIN TRIODE

COATED UNIPOTENTIAL CATHODE
HEATER NOMINAL
6.3±.3 VOLTS 2.4 AMP.
AC OR DC
ANY MOUNTING POSITION

GLASS BULB
SMALL WAFER
6 PIN OCTAL 88-297

THE 7236 IS A LOW MU DOUBLE TRIODE INTENDED FOR LONG LIFE SERVICE AS A POWER AMPLIFIER IN COMPUTER SERVICE. IT HAS THE ABILITY TO PASS LARGE CURRENTS WITH A LOW VOLTAGE DROP.

DIRECT INTERELECTRODE CAPACITANCES
EACH UNIT

| INPUT      | 9.0 | μf |
| OUTPUT     | 3.3 | μf |
| GRID TO PLATE | 10.0 | μf |
| HEATER TO CATHODE | 11.0 | μf |
| PLATE TO PLATE | 0.5 | μf |

RATINGS
ABSOLUTE MAXIMUM VALUES.

OPTIMUM SERVICE LIFE

HEATER VOLTAGE
6.3±.3 VOLTS

MAXIMUM PLATE VOLTAGE
300 VOLTS

MAXIMUM PLATE CURRENT PER PLATE
190 MA.

MAXIMUM PLATE DISSIPATION PER PLATE
15 WATTS

MAXIMUM GRID RESISTANCE
0.25 MEGOHM

MAXIMUM BULB TEMPERATURE
150 °C

MAXIMUM POSITIVE GRID VOLTAGE
+10 VOLTS

MAXIMUM NEGATIVE GRID VOLTAGE
100 VOLTS

MAXIMUM HEATER-CATHODE VOLTAGE
100 VOLTS

A FORCED AIR COOLING IS NECESSARY TO OBTAIN THIS BULB TEMPERATURE.

TYPICAL OPERATING CONDITIONS AND CHARACTERISTICS
EACH TRIODE

HEATER VOLTAGE
6.3±.3% VOLTS

HEATER CURRENT
2.4 2.4 2.4 AMP.

PLATE VOLTAGE
120 60 150 VOLTS

DC GRID VOLTAGE
−14 0 −24 VOLTS

PLATE CURRENT
100 150 60 MA.

AMPLIFICATION FACTOR
4.8 — — ΩHOS

TRANSCONDUCTANCE
12 500 — — ΩHOS

I_b (AT E_c = −65 V.) (MAX.)
—— — 100 ΩA.