TYPE 6082A (Tentative Data)

Reliable Hard Glass Low-Mu Twin Power Triode

MECHANICAL DATA

Coated unipotential cathode
Outline drawing .................. Bulb .................. T-12
Base ............................. Large wafer octal 8-pin B8-94
Maximum bulb temperature .......... 300°C
Maximum diameter ................ 1 23/32
Maximum seated height ............ 3 11/16
Maximum overall length .......... 4 1/4

Pin connections
Pin 1  #2 triode grid Pin 5  #1 triode plate
Pin 2  #2 triode plate Pin 6  #1 triode cathode
Pin 3  #2 triode cathode Pin 7  Heater
Pin 4  #1 triode grid Pin 8  Heater

Mounting position ................ any
Life expectancy .................. 10,000 hrs

ELECTRICAL DATA

Ratings
Heater voltage (ac or dc) ........ 26.5 volts
Maximum plate voltage ........... 250 volts
Maximum heater-cathode voltage .. 450 volts
Maximum d-c plate current (each section) .. 125 mA
Maximum plate dissipation (each section) .. 13 watts
Maximum grid resistor (cathode bias) .. 1.0 meg
Maximum positive d-c grid voltage .. 0 volts

Typical operating conditions and characteristics
Heater voltage (ac or dc) ........ 26.5 volts
Heater current ................ 0.6 amps
Plate voltage .................. 135 volts
Plate current .................. 125 mA
Transconductance ............... 7000 μmhos
Plate resistance ............... 280 ohms
Amplification factor .......... 2
Cathode bias resistor .......... 250 ohms
Plate dissipation .............. 13 watts

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