ARCTURUS

TYPE 6AD5G

HIGH MU TRIODE

Heater Voltage 6.3 Volts
Heater Current 0.3 Ampere
Plate Voltage 1500 (max)*
Cathode Resistor 500 ohms (Min)

LOW VOLTAGE CHARACTERISTICS

Plate Voltage 250 Volts
Grid Voltage -2 Volts
Plate Current 0.9 mA.
Plate Resistance 66000 ohms
Transconductance 1500 micromhos
Amplification Factor 100

DIRECT INTERELECTRODE CAPACITANCES

Grid to Plate 3.3 uuf
Input 4.1 uuf
Output 3.9 uuf

* This is the plate supply voltage. The voltage effective at the plate will be this voltage minus the drop in the series resistor which should not be less than 200,000 ohms.

APPLICATION

Its characteristics and construction make Type 6AD5G well suited for use as a high vacuum sweep oscillator or amplifier in cathode-ray oscillograph or television circuits requiring high plate voltage with low plate current to drive deflection plates of cathode-ray tubes.

The tube is especially insulated to withstand high surge voltages, but the plate dissipation must be limited by a series protective resistor.

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