

TECHNICAL DATA

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

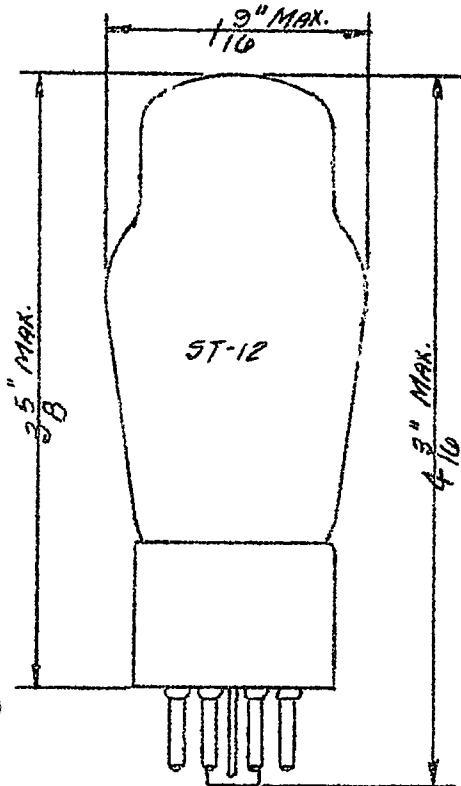
Grid to Plate	3.3	uuf
Input	4.1	uuf
Output	3.9	uuf

* 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.

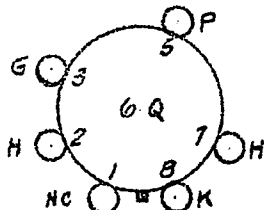
APPLICATION

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.



PIN ARRANGEMENT



BOTTOM VIEW