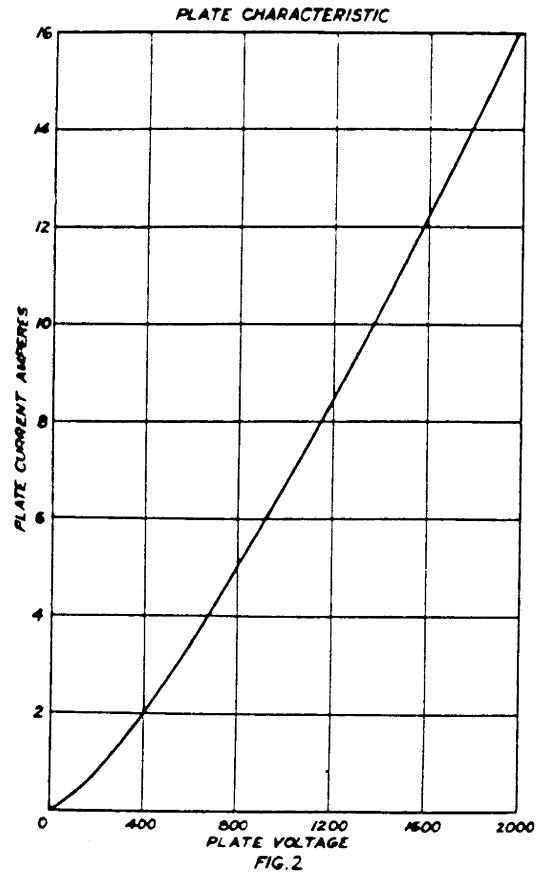
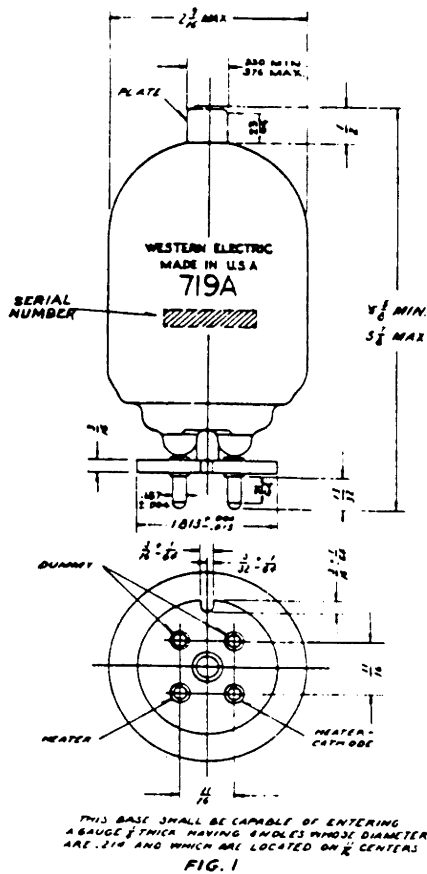


TECHNICAL INFORMATION

WESTERN ELECTRIC 719A VACUUM TUBE



CLASSIFICATION

The 719A vacuum tube is a special purpose diode with indirectly heated cathodes. This tube is not recommended for power rectifier applications.

MOUNTING

This vacuum tube employs a ceramic, wafer type, four pin base, suitable for use in a Western Electric 152A or similar socket.

The dimensions and arrangement of terminal connections are shown in the above drawing.

The tube may be mounted in any position. There should be a free circulation of air around the tube.

HEATER RATING

Heater potential	7.0 volts, a-c or d-c
Nominal Heater Current	7.0 amperes

MAXIMUM OPERATING CONDITIONS

Average plate current	0.5 ampere
Average plate dissipation	75 watts
*Peak plate current	10.0 amperes
**Peak inverse plate voltage	25,000 volts

* Duration shall not exceed 5 microseconds, and the repetition rate shall not exceed 2000 per second.

** If the peak inverse voltage exceeds 10,000 volts, the duration of the inverse shall not exceed 10 microseconds, and the repetition rate shall not exceed 2000 per second.

CHARACTERISTICS

Plate Characteristic	See Figure 2
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INTERELECTRODE CAPACITANCE

Average interelectrode capacitance, plate to cathode	7.2μmf
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