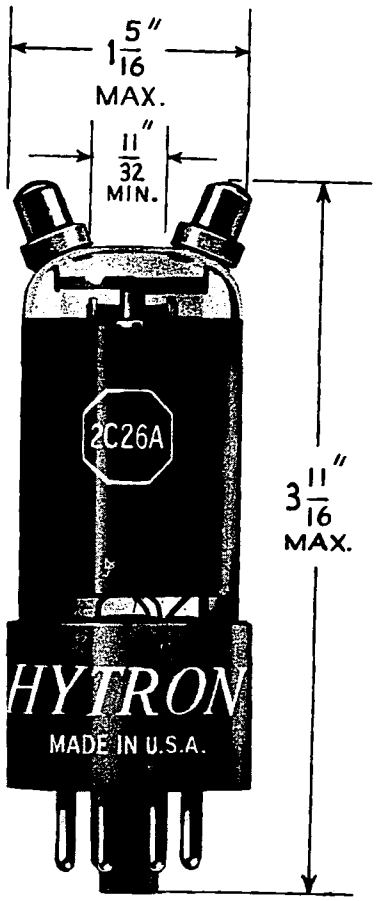
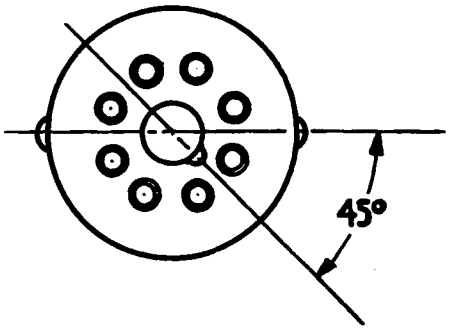
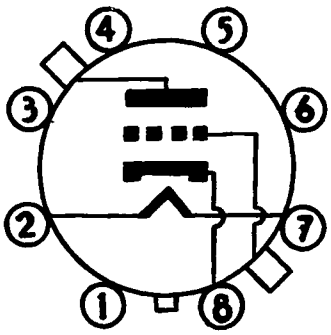
HYTRON TYPE 2C26A





Basing Connections
Bottom View



ULTRA-HIGH-FREQUENCY TRIODE PULSE OSCILLATOR

The Hytron type 2C26A is a special triode designed for use as a grid pulse or plate pulse oscillator at frequencies up to 300 megacycles. The cathode for the 2C26A is designed and processed to provide the extremely high peak plate currents required in pulse operation. The top cap design for the type 2C26A is such as to permit operation of the tube at maximum ratings without external voltage breakdown at the higher altitudes.

Electrical

Coated Unipotential Cathode
Heater Voltage..... 6.3 volts
Heater Current..... 1.1 amps.
Plate Dissipation.....10 max. watts
Grid Dissipation.....2.5 max. watts
Plate Potential(plate pulsed)... 3500 max. peak volts
Plate Potential(grid pulsed)..... 2500 max. dc volts
Grid Bias..... -700 max. dc volts

Average Characteristics for...Eb:400V;Eo:-15V;Eh:6.3V
Plate Current..... 16 ma.
Amplification Factor..... 16.3
Transconductance..... 2250 micromhos

Average Direct Inter-electrode Capacitances
Grid-to-Plate..... 2.8 mmf.
Grid-to-Cathode..... 2.6 mmf.
Plate-to-Cathode..... 1.1 mmf.

Frequency for Maximum Rating..... 300 MC

Mechanical

Type of cooling.....Convection
Base (see diagram).....Intermediate shell Octal 8-pin phenolic
Top Caps.....Special skirted miniature with insulating bushing
Bulb..... T-9
Maximum overall dimensions.....(see outline)
Length..... 3-11/16 inches
Seated Height..... 3-1/8 inches
Diameter.....1-5/16 inches
Net Weight..... 1-1/2 ounces

NOTE: The 2C26A is interchangeable with and replaces the 2C26