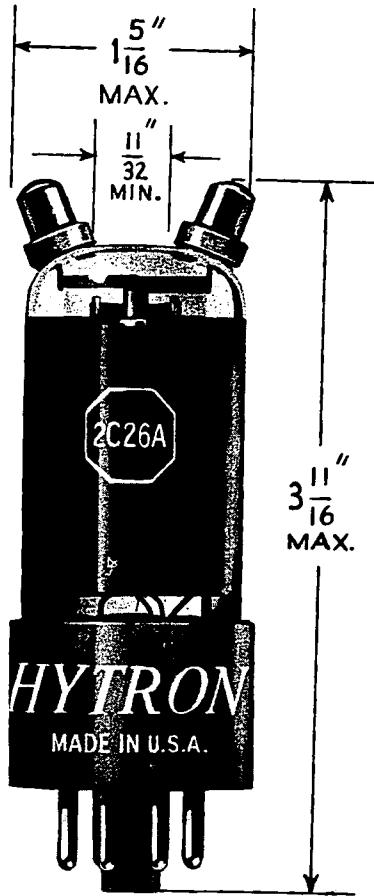


HYTRON TYPE 2C26A



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 |

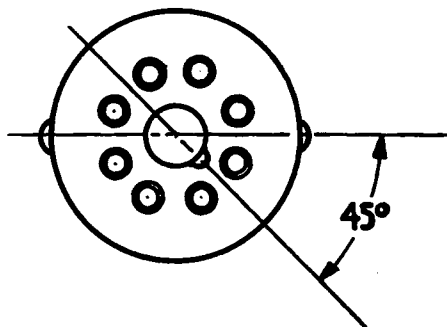
Average Direct Inter-electrode Capacitances

| | |
|-----------------------|----------|
| Grid-to-Plate..... | 2.8 mmf. |
| Grid-to-Cathode..... | 2.6 mmf. |
| Plate-to-Cathode..... | 1.1 mmf. |

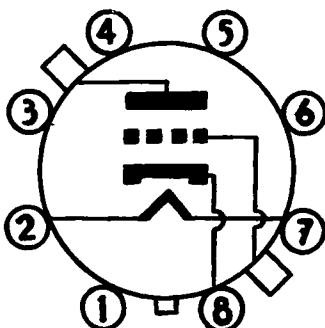
Frequency for Maximum Rating..... 300 MC

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 |



Basing Connections
Bottom View



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