



Excellence in Electronics

TYPE CK5703

The CK5703 is a subminiature, low mu, cathode type triode useful as an ultra-high frequency oscillator up to approximately 800 megacycles. It is particularly useful in applications requiring extreme economy of space, weight and RF conductor length. The flexible terminal leads may be soldered or welded directly to the terminals of circuit components without the use of sockets. Standard subminiature sockets may be used by cutting the leads to a suitable length.

MECHANICAL DATA

ENVELOPE: T-3 Glass

BASE: None (0.016" tinned flexible leads. Length: 1.5" min. Spacing: Leads 1-3=0.096" center-to-center; Other leads 0.048" center-to-center.)

TERMINAL CONNECTIONS: (Red dot is adjacent to lead 1)

- Pin 1 Plate, Pin 3 Heater, Pin 4 Heater, Pin 5 Grid, Pin 6 Cathode

MOUNTING POSITION: Any

ELECTRICAL DATA

DIRECT INTERELECTRODE CAPACITANCES: (pfdts.)

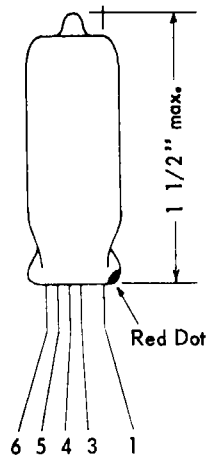
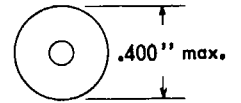
Table with 3 columns: Electrode pair, Shielded*, Unshielded. Rows: Grid to Plate, Grid to Cathode, Plate to Cathode.

RATINGS - ABSOLUTE MAXIMUM VALUES:

Table with 2 columns: Parameter, Value. Rows: Heater Voltage, Plate Voltage, Plate Dissipation (Open Air), Cathode Current, Grid Current, Heater-to-Cathode Voltage.

CHARACTERISTICS AND TYPICAL OPERATION:

Table with 2 columns: Parameter, Value. Rows: Heater Voltage, Heater Current, Plate Voltage, Cathode Bias Resistance, Plate Current, Transconductance, Amplification Factor.

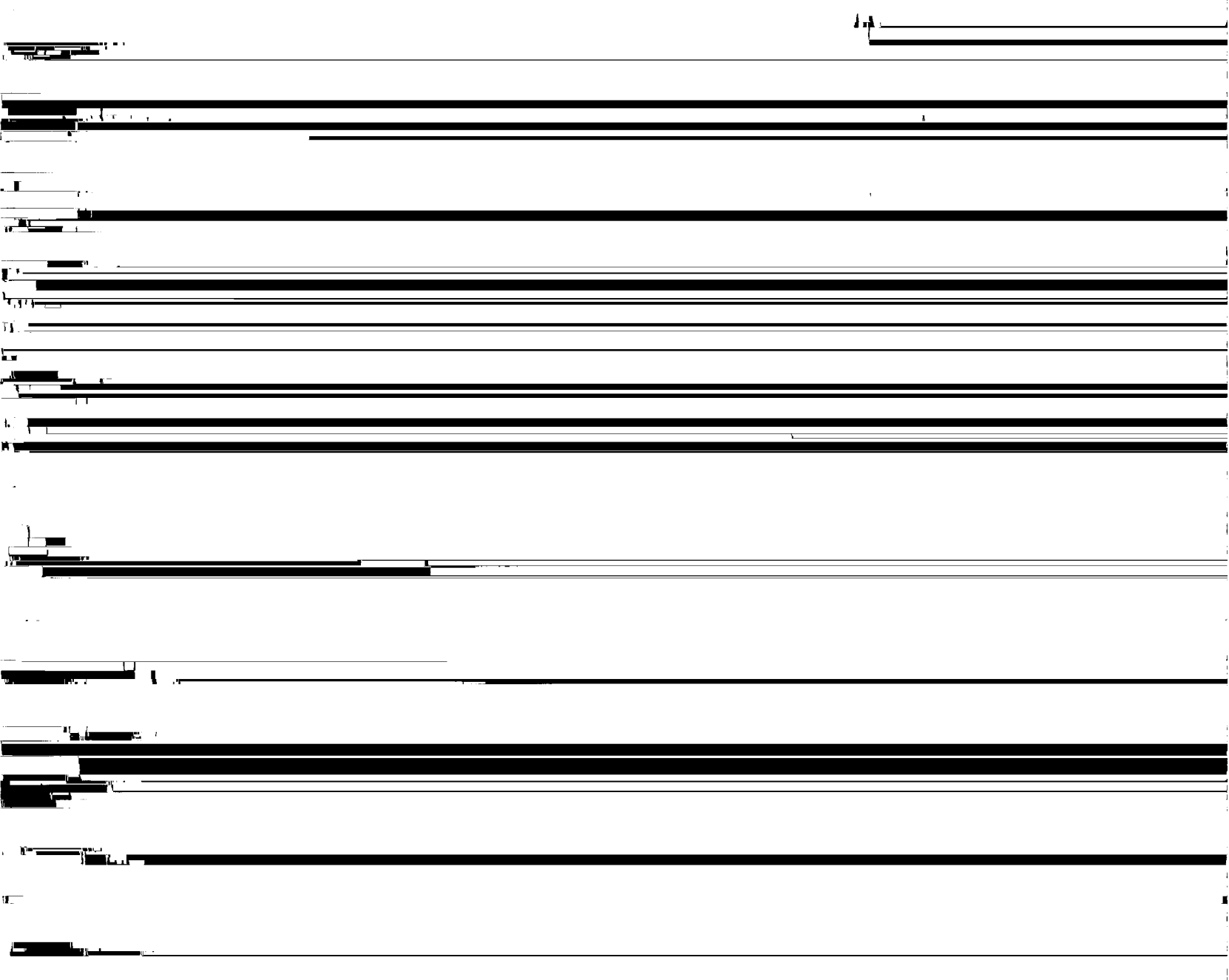
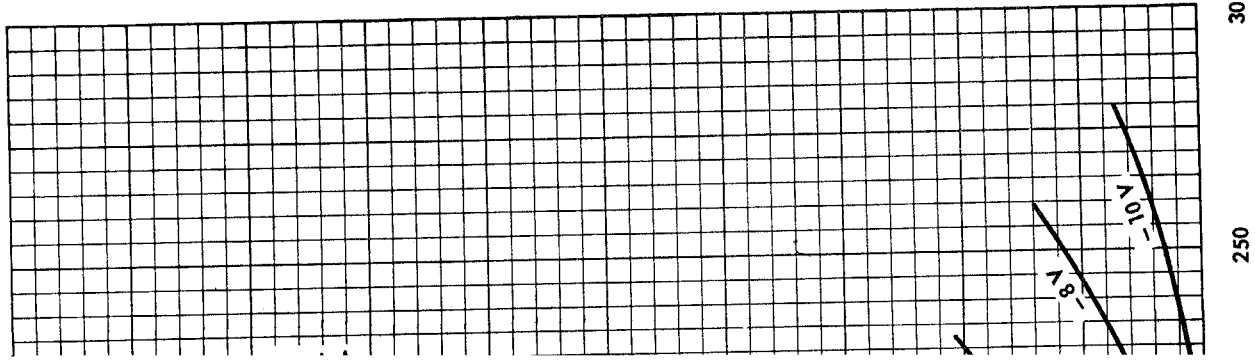


* With cylindrical shield (0.40" inside diameter by 1 7/8" long) connected to cathode.

TYPE CK5703



SUBMINIATURE TRIODE





SUBMINIATURE TRIODE

