TYPE CK5962

The CK5962 is a cold cathode, corona-discharge tube of miniature construction, similar to the Bureau of Ships type BS-101, designed for use as a voltage regulator in high-voltage, low current supplies.

MECHANICAL DATA

ENVELOPE: T-5½ Glass

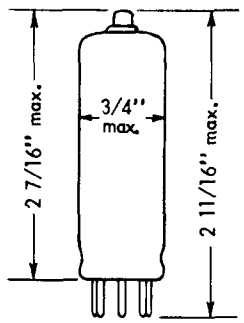
BASE: Miniature Button 7-Pin

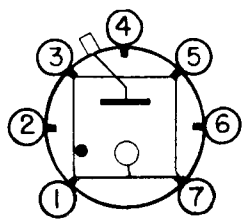
CAP: Skirted Miniature

TERMINAL CONNECTIONS:

Pin 1	Cathode	Pin 5	Cathode
Pin 2	Int. Connection, Do Not Use	Pin 6	Int. Connection, Do Not Use
Pin 3	Cathode	Pin 7	Cathode
Pin 4	Int. Connection, Do Not Use	Cap	Anode

MOUNTING POSITION: Any





BOTTOM VIEW

7EX

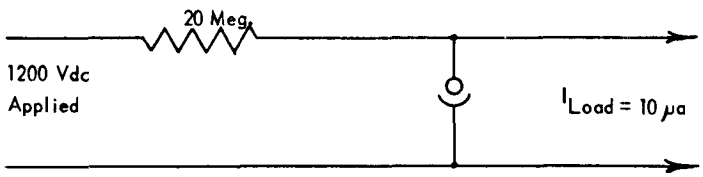
ELECTRICAL DATA

RATINGS - ABSOLUTE MAXIMUM VALUES:

DC Anode Supply Voltage	2000 volts
Minimum DC Anode Supply Voltage *	750 volts
DC Operation Current	2 to 55 μa.
Ambient Temperature Range	-55 to +70 °C

CHARACTERISTICS AND TYPICAL OPERATION:

DC Starting Voltage	730 volts
DC Operating Voltage at 25μa. (approx.)	700 volts
Regulation (5 to 55 μa.)	15 volts
Leakage Current at 500 volts	0.5 μa. max.

* *Not less than indicated supply voltage should be provided to insure "starting" throughout life.*

TYPICAL CIRCUIT