

*Excellence in Electronics***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 DATAENVELOPE: T-5 1/2 GlassBASE: Miniature Button 7-PinCAP: Skirted MiniatureTERMINAL CONNECTIONS:

Pin 1 Cathode
Pin 2 Int. Connection, Do Not Use
Pin 3 Cathode
Pin 4 Int. Connection, Do Not Use

Pin 5 Cathode
Pin 6 Int. Connection, Do Not Use
Pin 7 Cathode
Cap Anode

MOUNTING POSITION: Any**ELECTRICAL DATA**RATINGS - ABSOLUTE MAXIMUM VALUES:

DC Anode Supply Voltage
Minimum DC Anode Supply Voltage *
DC Operation Current
Ambient Temperature Range

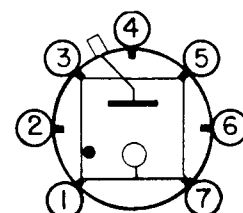
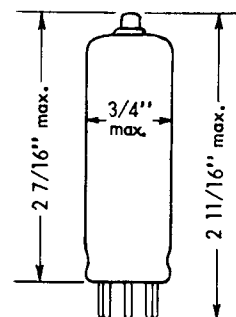
2000 volts
750 volts
2 to 55 μ a.
-55 to +70 °C

CHARACTERISTICS AND TYPICAL OPERATION:

DC Starting Voltage
DC Operating Voltage at 25 μ a. (approx.)
Regulation (5 to 55 μ a.)
Leakage Current at 500 volts

730 volts
700 volts
15 volts
0.5 μ a. max.

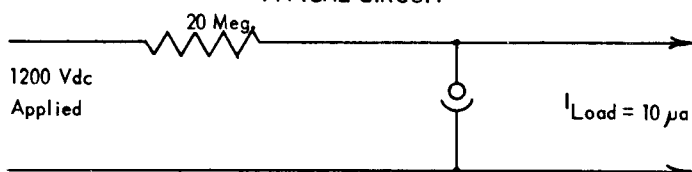
* Not less than indicated supply voltage should be provided to insure "starting" throughout life.



BOTTOM VIEW

7EX

TYPICAL CIRCUIT



Data

RAYTHEON MANUFACTURING COMPANY

RECEIVING AND/OR CALIBRATION RAY TUBE OPERATIONS