The CK1038 is a corona discharge voltage regulator tube of subminiature construction designed for 900 volt operation and a current range of 5 to 55 microamperes. 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 0.20" length.

MECHANICAL DATA

ENVELOPE: T-3 Glass
BASE: None (0.016" tinned flexible leads. Length: 1.50"
Spacing: 0.10" center-to-center)

TERMINAL CONNECTIONS:
Lead 1 Cathode
Lead 3 Anode
Lead 5 Cathode

ELECTRICAL DATA

DESIGN CENTER MAXIMUM RATINGS:
Regulator Current
125 µA
Temperature Range
-55 to +70 °C

CHARACTERISTICS AND TYPICAL OPERATION:
DC Starting Voltage (approx.)
900 volts
Operating Current Range
5 to 55 µA
Operating Voltage Range at 25 µA
885 to 915 volts D.C.
Operating Voltage at 5 µA
880 volts min.
925 volts max.
Life
500 hrs. min.
15 volts max.