

*Excellence in Electronics***TYPE
CK1038**

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. Stand - and 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 5 Cathode
Lead 3 Anode

ELECTRICAL DATA

DESIGN CENTER MAXIMUM RATINGS:

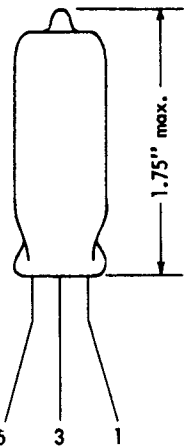
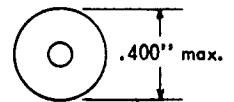
Regulator Current
Temperature Range

CHARACTERISTICS AND TYPICAL OPERATION:

DC Starting Voltage (approx.)
Operating Current Range
Operating Voltage Range at 25 μ a.
Operating Voltage at 5 μ a.
Operating Voltage at 55 μ a.
Life
Regulation

125 μ a.
-55 to +70 $^{\circ}$ C

930 volts
5 to 55 μ a.
885 to 915 volts D.C.
880 volts min.
925 volts max.
500 hrs. min.
15 volts max.



Tentative Data

RAYTHEON MANUFACTURING COMPANY

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