

Dieter's Nixie Tube Data Archive

This file is a part of Dieter's Nixie- and display tubes data archive

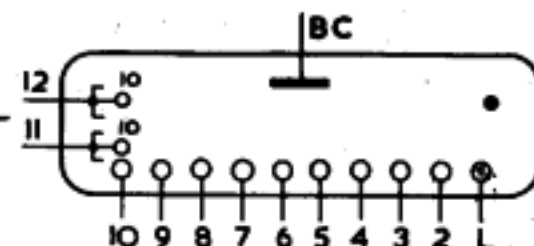
If you have more datasheets, articles, books, pictures or other information about Nixie tubes or other display devices please let me know.

Thank you!

Document in this file	ETL datasheet: GS10C tube
Display devices in this document	GS10C

bi-directional 10-way selector tube GS 10C

(Specification CV. 2325)



Characteristics

Counting rate :—

Sine wave and rectangular pulse drive circuits

0—4,000 pps

Limit Ratings

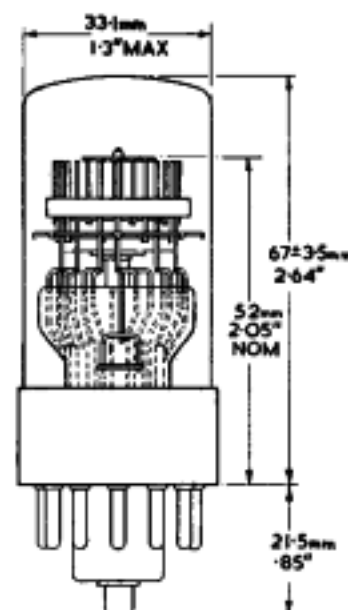
Maximum total anode current	550 μ A
Minimum total anode current	250 μ A
Minimum supply voltage, anode to cathode (normal room illumination)	400 V
Maximum potential difference between guides and cathodes	140 V

Recommended Operating Conditions

Anode current	325 μ A \pm 20%
Running voltage at this current	192 V
Cathode load resistors (see curve, page 29).	0—270 k Ω

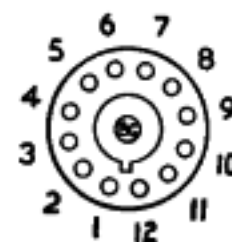
The required anode current may be obtained from a 475 V supply via a 680 k Ω resistor.

Mounting position	Any. For visual indication, the tube is viewed through the dome of the bulb.
Alignment	Cathode No. 1 is lined up with pin No. 11 to an accuracy of $\pm 12^\circ$.
Weight	53 g. (nominal).
Escutcheon	N.80977.



Base : Duodecal with bottom cap

Base Connections
(underside view)



Pin 1	Cathode 0
2	" 9
3	" 8
4	" 7
5	" 6
6	" 5
7	" 4
8	" 3
9	" 2
10	" 1
11	2nd Guides
12	1st Guides
B.C.	Anode