

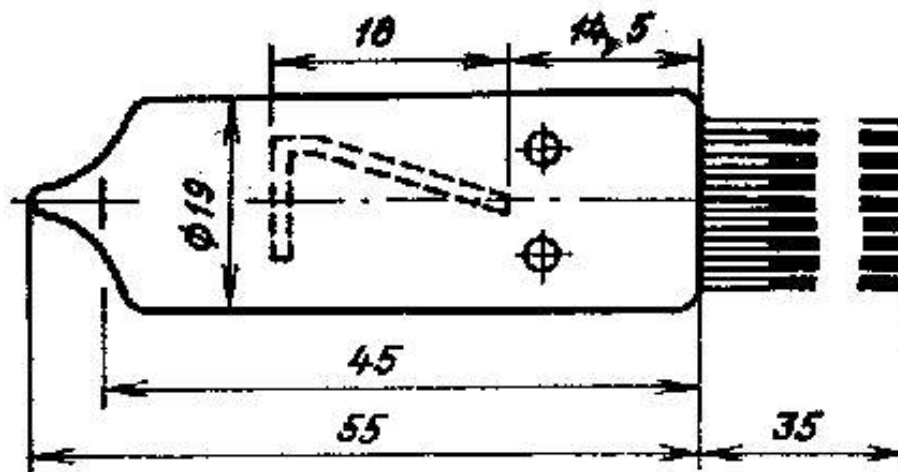
Dieter's Nixie Tube Data Archive

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	Reflector (Sovtek) - IN-14 (ИИ-14) A collection of different self made datasheets
Display devices in this document	IN-14 (ИИ-14)



The pins of electrodes:

1-plate	7-figure 5
2-comma	8-figure 6
3-figure 1	9-figure 7
4-figure 2	10-figure 8
5-figure 3	11-figure 9
6-figure 4	12-figure 0
	13 comma

Technical specifications:

Brightness $\geq 100 \text{Kd/m}^2$

Power supply voltage $\geq 200 \text{V}$

Voltage of the indication :

of figures $\leq 2,5 \text{mA}$

of comma $\leq 0,3 \text{mA}$

Lighting voltage $\leq 170 \text{V}$

Operating voltage 115-170V

The operation voltage from the DC supplier:

of figures 2-3.5mA

of comma $\leq 0,7 \text{mA}$

The operation voltage from the supplier of pulse voltage with frequency 50Hz :

of figures $\leq 2 \text{mA}$

of comma $\leq 0,2 \text{mA}$

The operation voltage in the pulse conditions (if

$U_{a. \text{ pulse}} \geq 190$ $\tau \geq 70$ micro seconds

$f = 1 \div 1,8 \text{KHz}$):

of figures 0.7-1.5mA

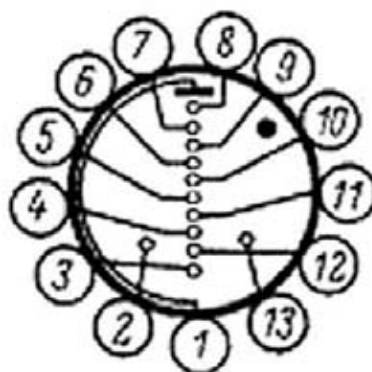
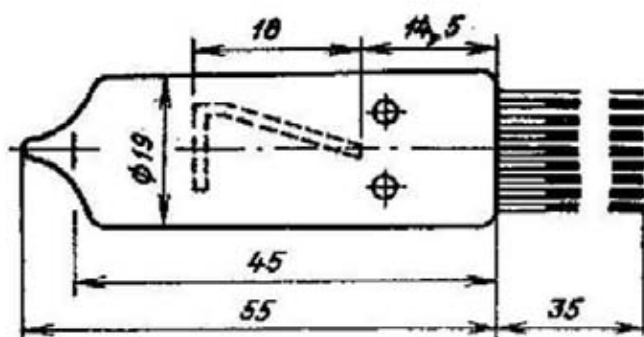
of comma 0.15-0.6mA

of figures (amplitude of impulse) 7-13mA

of comma (amplitude of impulse) 1.5-5mA

Capacity of work ≥ 12500 hours

IN-14

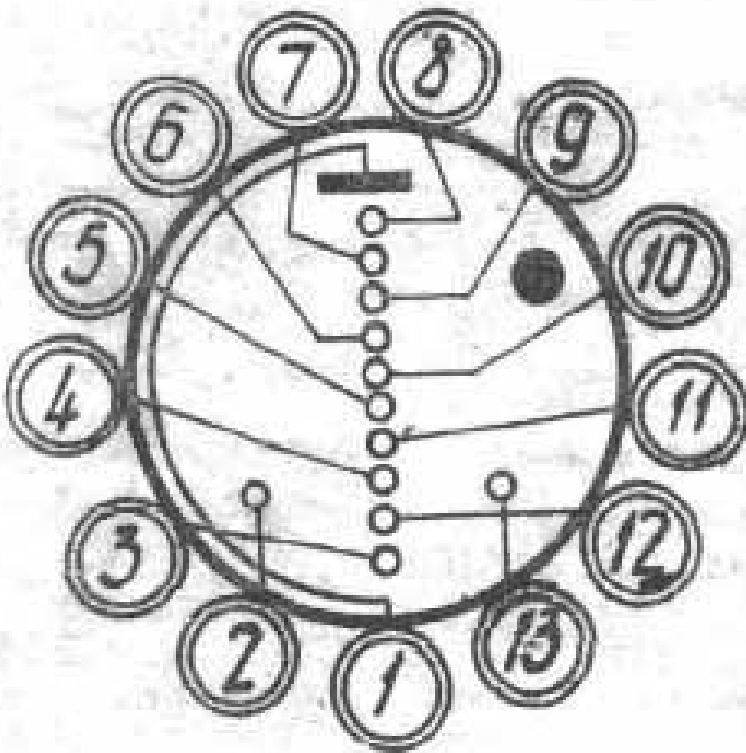


The pins of electrodes IN-14

1-plate
2-comma
3-figure 1
4-figure 2
5-figure 3
6-figure 4
7-figure 5

8-figure 6
9-figure 7
10-figure 8
11-figure 9
12-figure 0
13-comma

Digital prezenaion	0...9
Firing potential of anode-catode path, U	≤ 170 V
Upkeep voltage of anode-cathode path, U	150-200 V
Working current digits	$\leq 2,5$ mA
Working current comma	$\leq 0,3$ mA

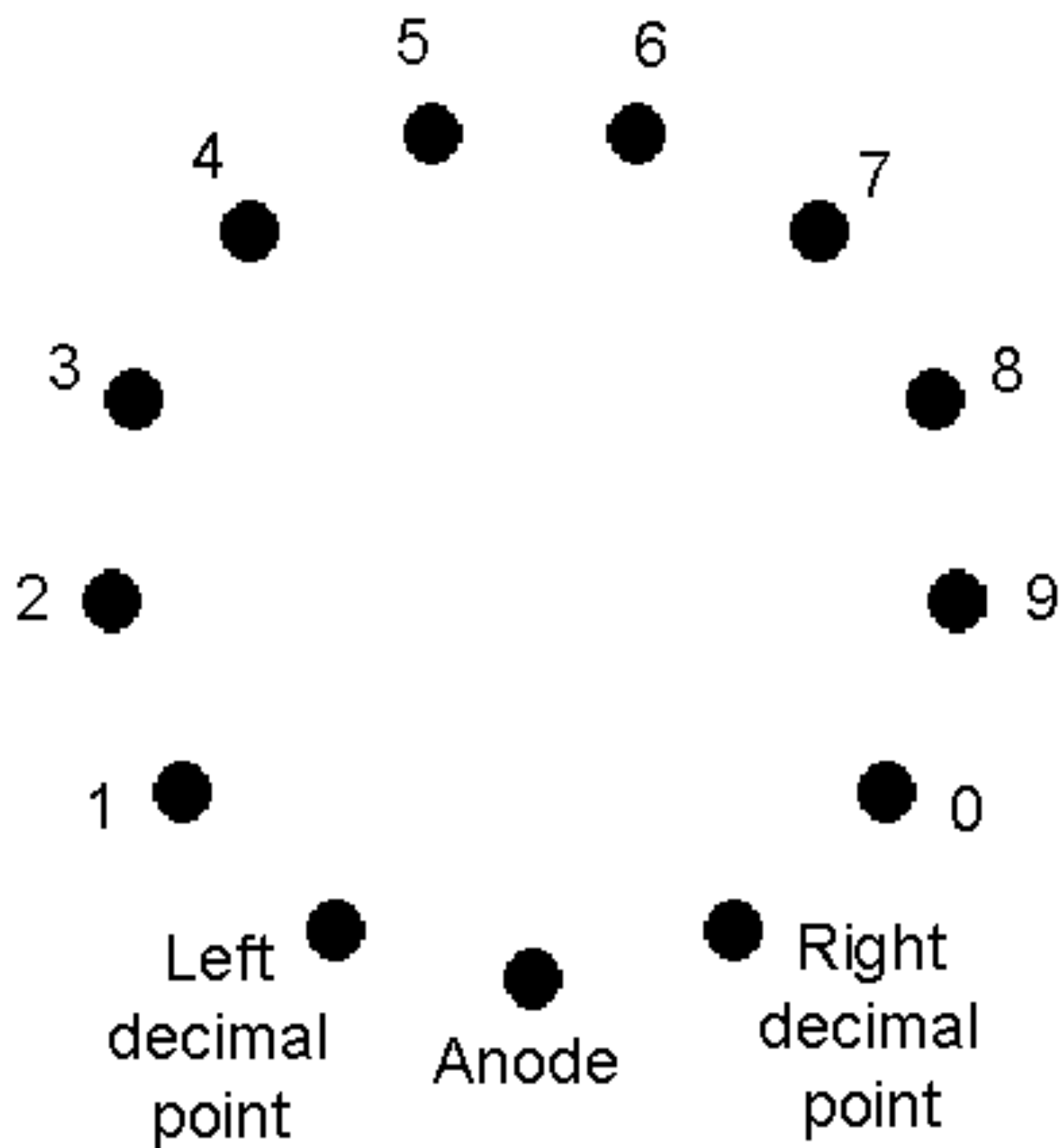
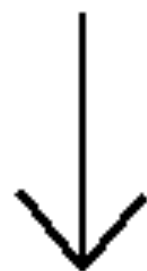


Pin #

Pin function

1	anode
2	cathode "dot"
3	cathode #1
4	cathode #2
5	cathode #3
6	cathode #4
7	cathode #5
8	cathode #6
9	cathode #7
10	cathode #8
11	cathode #9
12	cathode #0
13	cathode "dot"

Viewing direction



As viewed from bottom of nixie tube.