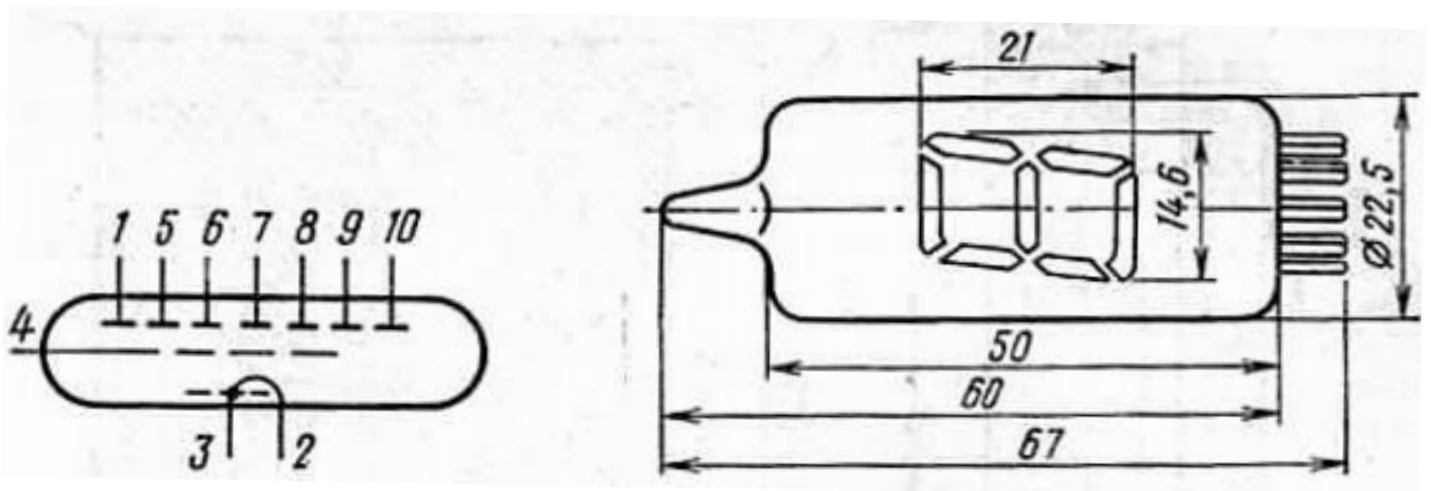


IV-12

Single digit vacuum fluorescent indicator for displaying information in the form of numbers and letters.

Design - compact glass device. The display shows information through the side surface of the indicator. Character size: 14,6x21mm. The digit is formed by glowing segment anodes. Glow color: green. Weight: 12g.

Leads: 1,5-10 - Anode-Segments; 2- Cathode; 3 - Cathode, conductive layer on the inner surface of the cylinder; 4 - Grid.



Electrical Data

| | | |
|---------------------------------|-----------|----------------------------|
| Brightness | | 300-500 cd /m ² |
| Viewing Angle | | 80° |
| Filament Current | | 100±10mA |
| Anode Segment Current | | ≤0,8mA |
| Total Anode Current. | | 3,5-5mA |
| Grid Current | | 12-17mA |
| Filament Voltage | | 1,5±0,15V |
| Anode Segment and Grid Voltage: | | |
| Static Mode | | 25-30V |
| Pulse Mode | | 50-70V |
| Operating Time | | ≥5000hrs |

Note. In order to show numbers and letters, it is recommended to connect anode leads as follows: number 1 - 6, 7; number 2 - 1, 5, 7, 8, 9; number 3 - 5, 6, 7, 8, 9; number 4 - 6, 7, 9, 10; number 5 - 5, 6, 8, 9, 10; number 6 - 1, 5, 6, 8, 9, 10; number 7 - 6, 7, 8; number 8 - 1, 5, 6, 7, 8, 9, 10; number 9 - 5, 6, 7, 8, 9, 10; number 0 - 1, 5, 6, 7, 8, 10; letter A - 1, 6, 7, 8, 9, 10; letter b - 1, 5, 6, 9, 10; letter C - 1, 5, 8, 10; letter d - 1, 5, 6, 7, 9; letter E - 1, 5, 8, 9, 10; letter F - 1, 8, 9, 10

*(Pin numbering counts clockwise after the empty space - bottom view)