

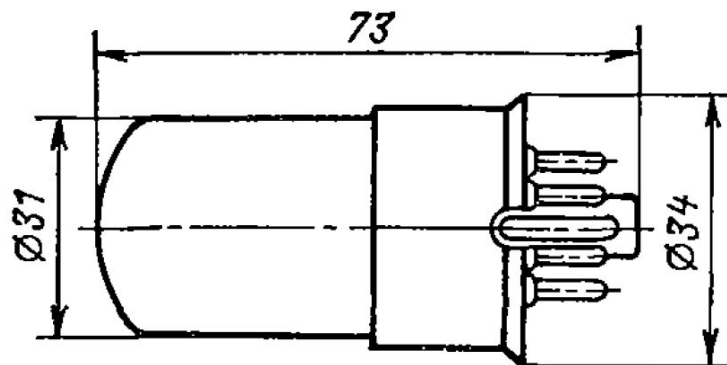
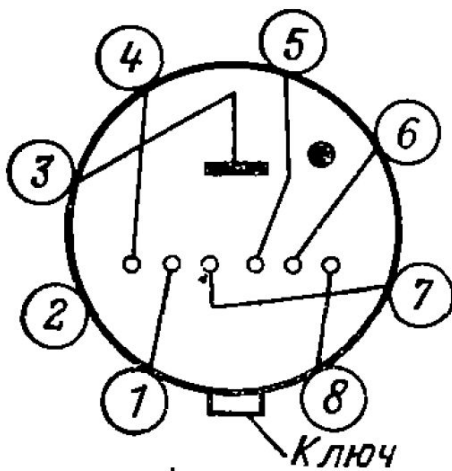
OG-8-pulse Dekatron

Dekatrons with directional counting cathode for use in counting and computing devices, and for dividing the frequency. It applied in computer technology, various measuring instruments and devices countable electronic equipment.

Light color - blue. Members cold cathodes. They operate in any position. Indication is made through the tank dome. Decoration - glass, with cap (RSH5-1). Weight 70g

Connections

- 1 - cathode Index ?
- 2 - is not connected
- 3 - anode
- 4 - guide
- 5 - the fifth cathode
- 6 - ninth cathode
- 7 - third cathode
- 8 - cathode (reference)



Basic data Coefficient 10 power source

Voltage > 400 V

Voltage discharge occurrence < 480

Discharge sustain voltage 255-295 V

Voltage bias on guide 36-44

The voltage amplitude of reset pulse in the 75-125

Ignition delay time < 5 1.1-1.3 mA

Operating current control pulses data:

Counting rate of 0.01-100 000 Hz

Pulse amplitude 80-110

Pulse duration > 3 microsecond

Rise time of 0.3-1 microsecond

Pulse duration reset > 10 ms

Operating time > 500 hours

Guaranteed shelf life of 8 years

Maximum permissible parameters

Output voltage on the cathodes 7V

Cathodic load resistance < 7.5 ohms

Temperature range -60 to + 70 ° C

* At a frequency of 1 Hz is allowed dekatrons work no more than 2 hours under the condition subsequent operation at frequencies of 50 Hz and above for an hour, the total standing time of the discharge must not exceed 50 hours.