

5Y3GT

USSR

SOVTEKR

MINIATURE DOUBLE ANODE KENOTRON IN GLASS DESIGN WITH OXIDE-COATED INDIRECTLY HEATED CATHODE INTENDED FOR RECTIFICATION OF COMMERCIAL-FREQUENCY ALTERNATING CURRENT.

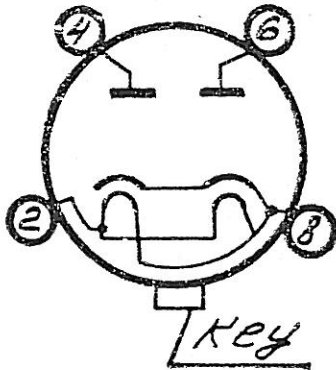
Name of parameters	Norms		
	not less than	face-value	not more than
Heater voltage, V		5	
Heater current, A	1.8	2	2.2
Emission current of each diode, mA	300		
Rectified current, mA	133		
Rectified current under incomplete heating, mA	110		

### MAXIMUM ALLOWABLE OPERATING VALUES

Name of parameters	Norms		
	not less than	face-value	not more than
Heater voltage, V	4.5		5.5
Reverse voltage amplitude, V			1550
Anode current amplitude, mA			415
Rectified current, mA			140
Mean value of the rectified current, mA			70
Rush of anode current, A			1.4

MAXIMUM ALLOWABLE VALUES SHOULD NOT BE SIMULTANEOUSLY REACHED ON TWO AND MORE ELECTRODES UNDER OPERATING CONDITIONS AND SHOULD NOT BE EXCEEDED.

### TUBE ELECTRODE CONNECTION WITH LEADS



Lead designation	Electrode name
2	Heater
4	First diode anode
6	Second diode anode
8	Cathode and heater