



ELECTRONIC TUBE REFERENCE

6TS4P

Rectifier - Full Wave electronic tube

CONSOLIDATED TECHNICAL DATA

2 SECTIONS

CONSTRUCTION

RECTIFIER-RECTIFIER

Russian miniature double-anode kenotron for AC voltage rectification. Rated for approximately 1 kV peak inverse voltage, 75 mA DC output, and 300 mA peak current from a 6.3 V heater.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	7
NOMINAL HEATER	6.3 V / 600 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Common cathode	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Rectifier	
PEAK INVERSE VOLTAGE	1000 V
NOMINAL OUTPUT CURRENT	75 mA
PEAK FORWARD CURRENT	300 mA
<i>Promoted fields are taken from the published electrical-characteristics and maximum-permissible-ratings tables in the approved bilingual source; repeated identical sections are represented once where applicable.</i>	

SECTION2 Rectifier	
PEAK INVERSE VOLTAGE	1000 V
NOMINAL OUTPUT CURRENT	75 mA
PEAK FORWARD CURRENT	300 mA

Miniature double-anode kenotron designed for AC voltage rectification.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1970 Russian Tubes Mashpriborintorg

Published test conditions and operating points. Values on this page are preserved as reported by this source.

1970 RUSSIAN TUBES MASHPRIBORINTORG

Section 1 · Rectifier

CHARACTERISTICS

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Rectified current at phase voltage 350 V	75 mA	CapacitorInputFilter 8uF

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Peak anode current	300 mA	—
Maximum heater-to-cathode voltage	350 V	—