



ELECTRONIC TUBE REFERENCE

6TS5S

Rectifier - Full Wave electronic tube

CONSOLIDATED TECHNICAL DATA

2 SECTIONS

CONSTRUCTION

RECTIFIER-RECTIFIER

Russian octal double-anode kenotron for AC-to-DC power conversion. Rated for approximately 1.1 kV peak inverse voltage and 75 mA DC output from a conventional 6.3 V heater.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	8
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	1100 V
NOMINAL OUTPUT CURRENT	75 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	1100 V
NOMINAL OUTPUT CURRENT	75 mA

Octal double-anode kenotron designed for AC current 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 400 V	70 mA	CapacitorInputFilter 8uF

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum heater-to-cathode voltage	450 V	—
Minimum AC source phase resistance	225 ohm	—

TUBE TINKER

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