



ELECTRONIC TUBE REFERENCE

30TS6S

Rectifier - Full Wave electronic tube

CONSOLIDATED TECHNICAL DATA

2 SECTIONS

CONSTRUCTION

RECTIFIER-RECTIFIER

Russian high-voltage dual-section rectifier for full-wave AC-to-DC conversion. Available documentation confirms two rectifier sections but provides limited verified promoted ratings.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	30 V / 300 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Rectifier	
PEAK INVERSE VOLTAGE	500 V
NOMINAL OUTPUT CURRENT	120 mA
PEAK FORWARD CURRENT	500 mA
<i>Published ratings/characteristics promoted where clearly identified; additional bilingual values retained as parameters.</i>	

SECTION2 Rectifier	
PEAK INVERSE VOLTAGE	500 V
NOMINAL OUTPUT CURRENT	120 mA
PEAK FORWARD CURRENT	500 mA
<i>Second physical rectifier section added to match documented SectionCount 2.</i>	

The 30TS6S is a rectifier described in the bilingual Russian/English source.

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

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Peak inverse voltage	500 V	PerDiode
Peak forward current	500 mA	PerDiode
DC output voltage	350 V	—
Typical rectified current	120 mA	CapacitorInputFilter

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Guaranteed service life	2000 h	PublishedGuarantee