



ELECTRONIC TUBE REFERENCE

6S6BV

Voltage - Triode (single) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

Ruggedized Russian subminiature triode for low-frequency amplification, RF oscillation to approximately 500 MHz, and pulse service.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 200 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Triode	
TRANSCONDUCTANCE	0.0052 S
AMPLIFICATION FACTOR	25
MAXIMUM PLATE VOLTAGE	250 V
MAXIMUM PLATE DISSIPATION	1.4 W
MAXIMUM CATHODE CURRENT	14 mA
<i>Promoted values translated from the filename-designated Russian entry only.</i>	

The 6S6BV is a Russian ruggedized subminiature triode for LF amplification, RF oscillation to 500 MHz, and pulse service. Its source entry was translated to English and processed independently from neighboring partial entries.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1981 Russian Tubes Katsnelson and Larionov

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

1981 RUSSIAN TUBES KATSNELSON AND LARIONOV

Section 1 · Triode

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Nominal heater voltage	6.3 V	Published source value
Nominal heater current	200 mA	Published source value
Transconductance	5200 μ S	Published operating point
Amplification factor	25	Published operating point
Guaranteed service life	2500 h	Published source value

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum oscillation frequency	500 MHz	Published limit