



ELECTRONIC TUBE REFERENCE

6P36SV

Power - TV Horizontal Output (sweep) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

BEAMPOWER

Ruggedized Russian beam tetrode for television horizontal line-output stages, combining approximately 7 kV peak plate capability with extended service-life construction.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	8
NOMINAL HEATER	6.3 V / 2.05 A	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Beam Power	
PLATE RESISTANCE	4500 Ω
TRANSCONDUCTANCE	0.014 S
MAXIMUM PLATE VOLTAGE	550 V
MAXIMUM SCREEN VOLTAGE	250 V
MAXIMUM PLATE DISSIPATION	12 W
MAXIMUM SCREEN DISSIPATION	5 W
MAXIMUM CATHODE CURRENT	250 mA
<i>Promoted ratings and characteristics translated from the filename-designated Russian entry only.</i>	

The 6P36SV is a Russian ruggedized beam tetrode for television horizontal-deflection output stages. Its Russian 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 · Beam Power

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Nominal heater voltage	6.3 V	Published source value
Nominal heater current	2.05 A	Published source value
Transconductance	14000 μ S	Published operating point
Plate resistance	4500 Ω	Published operating point
Guaranteed service life	2000 h	Published source value

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Peak plate voltage	7000 V	TelevisionLineOutput

TUBE TINKER

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and their source documents.

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