



ELECTRONIC TUBE REFERENCE

6S59P

Voltage - Triode (single high frequency) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

Russian high-frequency triode for wideband grounded-grid amplification.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 300 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Triode	
TRANSCONDUCTANCE	0.036 S
AMPLIFICATION FACTOR	62
MAXIMUM PLATE VOLTAGE	160 V
MAXIMUM PLATE DISSIPATION	5.7 W
MAXIMUM CATHODE CURRENT	45 mA
<i>Promoted values translated from the filename-designated Russian entry only.</i>	

The 6S59P is a Russian high-frequency triode for wideband grounded-grid amplification. 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	300 mA	Published source value
Transconductance	36000 μ S	Published operating point
Amplification factor	62	Published operating point
Guaranteed service life	1500 h	Published source value

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