



ELECTRONIC TUBE REFERENCE

6V3S

Voltage - Tetrode electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TETRODE

Russian pulse-amplifier tetrode designed for specialized pulsed electronic circuits, providing controlled high-speed amplification rather than ordinary continuous small-signal service.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	8
NOMINAL HEATER	6.3 V / 850 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Tetrode	
TRANSCONDUCTANCE	0.3 S
MAXIMUM PLATE VOLTAGE	700 V
MAXIMUM PLATE DISSIPATION	3 W
<i>Promoted values translated from the filename-designated Russian entry only.</i>	

The 6V3S is a Russian pulse-amplifier tetrode. 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 · Tetrode

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Nominal heater voltage	6.3 V	Published source value
Nominal heater current	850 mA	Published source value
Transconductance	300000 μ S	Published operating point
Pulse anode current	2.05 A	Pulse
Pulse second-dynode current	1.5 A	Pulse

TUBE TINKER

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