

ELECTRONIC TUBE REFERENCE

6N3PE

Voltage - Dual Triode (similar high frequency) electronic tube

CONSOLIDATED TECHNICAL DATA
2 SECTIONS
CONSTRUCTION
TRIODE-TRIODE

Russian double triode designed for voltage amplification and generation of high-frequency oscillations, a specialized 6N3P-family variant for higher-frequency service.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	9
NOMINAL HEATER	6.3 V / 350 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Triode	
TRANSCONDUCTANCE	0.006 S
AMPLIFICATION FACTOR	35
MAXIMUM PLATE VOLTAGE	300 V
MAXIMUM PLATE DISSIPATION	1.5 W
Filename-designated Russian tube only; identical dual-triode sections compressed when applicable.	

SECTION2 Triode	
TRANSCONDUCTANCE	0.006 S
AMPLIFICATION FACTOR	35
MAXIMUM PLATE VOLTAGE	300 V
MAXIMUM PLATE DISSIPATION	1.5 W
Second physical triode section; added to align rows with SectionCount.	

The 6H3IT-E double triode has been designed to HHA HanpSKEHHS M reHepHpOBaHUS KoJeOaHWH BBICOKOH amplify voltage and generate high-frequency oscillations.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

195X Russian

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

195X RUSSIAN

Section 1 · Triode

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater voltage	6.3 V	Published nominal heater condition.
Heater current	350 mA	Published heater current.
Transconductance	6000 μ S	Published characteristic; normalized to μ S.
Amplification factor	35	Published characteristic.

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum plate voltage	300 V	Published limiting operating value.
Maximum plate dissipation	1.5 W	Published limiting operating value.



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
Published electrical parameter	0 a	,/,,/22/_& T 0a б и о

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Published electrical parameter	2 V	при Ов=6,3 В, /=150 В, 7с=—2 В (для 6НЗП-Е, 6НЗП-ДР),
Published electrical parameter	240 Ω	К&=240 Ом (для 6НЗП, 6НЗП-И, 6СС49)
Published electrical parameter	-10 V	стики (при ис =+10 В)
Published electrical parameter	50 Hz	=50 Гц),А г .у з,. в - >0,8 — — —
Published electrical parameter	9 в	к; ;iy]{/иёна , хар.акгечнсти.ки: 4, `5'9+1'9 в,91,9 в,9-1.9 5,5
Published electrical parameter	57 V	То же при О=57 В . >4 — 2>3,8* — —
Published electrical parameter	7±60 MHz	{7=60 МГц), кОм ., .. 14 — - — —
Published electrical parameter	60 MHz	(при /=60 МГц), кОм . . ю — — — —
Published electrical parameter	6 V	* При ин =6 В.
Published electrical parameter	8 A	8 А Й, Й, у) / , , #
Published electrical parameter	2002208 V	0 20 40 60 80 100 1720 /0 160 180 2002208 В - & —6 —& -2 0 2

TUBE TINKER

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