ELECTRONIC TUBE REFERENCE

6N3PI

Voltage - Dual Triode (similar) electronic tube

CONSOLIDATED TECHNICAL DATA
2 SECTIONS
CONSTRUCTION
TRIODE-TRIODE

> Russian pulse-rated double triode designed for voltage amplification and oscillation generation under pulsed operating conditions.

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 6H3T1-U pulse double triode has been designed YyeH 1/ YCHJICHUA HanpsKeHWs M FeHEPHPOBaHMS KoJie- for voltage amplification and generation of oscillations GaHull B UMNYJILCHOM DPEXHUME.

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 µS	Published characteristic; normalized to µS.
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 DATA APPENDIX

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 6Н3П-Е, 6Н3П-ДР),
Published electrical parameter	**240 Ω**	К&=240 Ом (для 6Н3П, 6Н3П-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;;іу]{/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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