

Russian 6P6S/6F6S power pentode designed for low-frequency power amplification. Manufacturer documentation identifies it as an output-stage tube and specifies resistance to demanding ambient conditions.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	8
NOMINAL HEATER	6.3 V / 700 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Pentode	
TRANSCONDUCTANCE	0.003 S
MAXIMUM PLATE VOLTAGE	410 V
MAXIMUM SCREEN VOLTAGE	315 V
MAXIMUM PLATE DISSIPATION	12 W
Bilingual Russian/English datasheet; English text used as primary extraction source.	

Ilenron 6P6C npenHasHaueH MJsi YCHJIEHHS The 6P6C pentode is designed for power am- The 66C pentodes are enclosed in glass bulb pyxamwileii temmeparypel or —60 no +70°C wu The 6D6C pentodes are resistant to ambient

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 · Pentode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Service life	1000 h	patype +20°C. humidity of 95 to 98% at +20° C. Hauboapmwmit Bec 55 e. Maximum weight: 55 gr. lapanTtupoBannaa poaroseynocts 1000 wacos. Service life guarantee: 1000 hr.
Service life	1000 h	Hauboapmwmit Bec 55 e. Maximum weight: 55 gr. lapanTtupoBannaa poaroseynocts 1000 wacos. Service life guarantee: 1000 hr.
Service life	1000 h	lapanTtupoBannaa poaroseynocts 1000 wacos. Service life guarantee: 1000 hr.
Published electrical data	315; 100	Uge 315V Uy 100V
Published electrical data	6	6(D6C Menron
Published electrical data	=1; 1	L, I =1(U,) Ly lgp=1(Uy)
Published electrical data	=1; 250; =1; =250	— = =1 Ugy=250 V — = =1, Uyp =250 V

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Published electrical data	3	NPEAEJBHO NONYCTHMBIE 3KCIJIVATALMOHHBIE JAHHBIE

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1970 Russian Tubes Mashpriborintorg

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

1970 RUSSIAN TUBES MASHPRIBORINTORG

Section 1 · Pentode

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
U	63 V	Published datasheet line: U, 63V Ug 250V Iy 625295 mA
I	700£70 mA	Published datasheet line: I, 700£70mA U, —I65V P >275W
U	250 V	Published datasheet line: U, 250V I, 35£105mA S 3x05 mA/V
U	69 V	Published datasheet line: U, 69V 57V P, 12W
U	40 V	Published datasheet line: U, 40V Py 4W
Uge	315 V	Published datasheet line: Uge 315V Uy 100V
Py	-10 V	Published datasheet line: Py -10V
E /	— 250 v	Published datasheet line: E [/ —— 250v
o- y A	-15 A	Published datasheet line: o- y A -15V
PublishedValue	> 40 g	Published datasheet line: > 40 ' g
Ug	1 V	Published datasheet line: [™] Ug 1=0V. — - 20 S

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
U	69 V	Published datasheet line: U, 69V 57V P, 12W
U	40 V	Published datasheet line: U, 40V Py 4W
Uge	315 V	Published datasheet line: Uge 315V Uy 100V
Py	-10 V	Published datasheet line: Py -10V
E /	— 250 v	Published datasheet line: E [/ —— 250v
o- y A	-15 A	Published datasheet line: o- y A -15V
PublishedValue	> 40 g	Published datasheet line: > 40 ' g
Ug	1 V	Published datasheet line: [™] Ug 1=0V. — - 20 S
PublishedValue	25 V	Published datasheet line: 25V N