

ELECTRONIC TUBE REFERENCE

7P12S

Power - Pentode Single (NOT beam) (under 10W) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
PENTODE

Russian output pentode for general power-amplifier service with approximately 8 W plate dissipation.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	8
NOMINAL HEATER	7.35 V / 850 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Pentode	
TRANSCONDUCTANCE	0.00285 S
MAXIMUM PLATE VOLTAGE	200 V
MAXIMUM SCREEN VOLTAGE	150 V
MAXIMUM PLATE DISSIPATION	8 W
MAXIMUM SCREEN DISSIPATION	1.5 W
<i>Promoted fields are taken from the published electrical-characteristics and maximum-permissible-ratings tables in the approved bilingual source; repeated identical sections are represented once where applicable.</i>	

Output pentode /T12C Brixonnoit nentron 7I112C npenmsasnauen agas The 7I112C output pentode is designed for am- Output pentode

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

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Brixonnoit nentron	71112	Brixonnoit nentron 7I112C npenmsasnauen agas The 71112C output pentode is designed for am-
YCHJIEHHS MOIXHOCTH HM	4	YCHJIEHHS MOIXHOCTH HM3KOH 4YacTOThi B YCTpOHH- plification of low-frequency power in long-dist-
Brixonubie nentonst	7	Brixonubie nentonst 7I112C BmeImyckaloTess B The 7IT112C output pentodes are enclosed in
Buixogunie mentoan	71112	Buixogunie mentoan 71112C ycroiiuuBm ¥ BO3-
The	71112	The 71112C output pentodes are resistant to
JeficTBHIO OKpyKamlieli tTeMnepatypnl or –	1	JeficTBHIO OKpyKamlieli tTeMnepatypnl or — 60 lo
temneparype	20	temneparype +20°C.
T'apanTupoBaHHas xnoJroseudocts	1000	T'apanTupoBaHHas xnoJroseudocts 1000 uacos. Service life guarantee: 1000 hr.
Published electrical value	4	1) IIIPH U, =180V, Uy =106V, R, =4 kQ.
Hpu Py=	22	Hpu Py=22W.
Cox	4 pF	Cox 77%18 pF C gla <04 pF
NPEAEJibBHO AOMNYCTUMBIE	3	NPEAEJibBHO AOMNYCTUMBIE 3KCIJIYATALHOHHBIE OAHHBIE
Published electrical value	1.5 W	U, 200V Pgo 1.5 W
Published electrical value	2	7 I l 2C BbixonHON MeHTOn
Published electrical value	3	@40max 3
Published electrical value	1	2P e G i e gl iylel iR S 1 e o el MR
Published electrical value	4 V	0 0 100 150 200 UgV Upr. V -2 -16 4 g

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Hau	50	Hau6oabvmmii Bec 50 e. Maximum weight: 50 gr.



SOURCE DATA APPENDIX

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

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate voltage - characteristic point	135 V	—
Screen voltage - characteristic point	135 V	—
Plate current - characteristic point	31 mA	—
Screen current - characteristic point	7 mA	—

TUBE TINKER

An independent reference for electronic tubes, vacuum tubes, and their source documents.

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