



ELECTRONIC TUBE REFERENCE

6P3SE

Power - Beam (NOT sweep) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

BEAMPOWER

Russian beam-power variant documented in bilingual technical literature; available source material does not independently support a narrower specialized functional classification.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	8
NOMINAL HEATER	6.3 V / 880 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Beam Power	
PLATE RESISTANCE	63000 Ω
TRANSCONDUCTANCE	0.006 S
MAXIMUM PLATE VOLTAGE	250 V
MAXIMUM SCREEN VOLTAGE	250 V
MAXIMUM PLATE DISSIPATION	20.5 W
MAXIMUM SCREEN DISSIPATION	2.75 W
MAXIMUM CATHODE CURRENT	90 mA
<i>Published maximum ratings and key characteristics promoted from the aligned bilingual tables; English primary, Russian/Bulgarian text used only where the English OCR did not carry the numeric label cleanly.</i>	

BeamPower vacuum tube from a bilingual English/Russian source.

SOURCE OPERATING CONDITIONS

195X Russian

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

195X RUSSIAN

Section 1 · Beam Power

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
NOLOrpesHnM KarojomM	15	NOLOrpesHnM KarojomM 0o dacrmbiM TY 3.301.015 TV
Published electrical value	3	] 3uavennus
Hanpsaxenne naxana, B	63	Hanpsaxenne naxana, B 63
Hanpsxense anoja, B	250	Hanpsxense anoja, B 250
Hanpsxende nepeoft cerkn, B —	-14	Hanpsxende nepeoft cerkn, B —14
Hanpsxenne BTOpod cerEE, B	250	Hanpsxenne BTOpod cerEE, B 250
BuixonHaa Mommoers, Br	5.8	BuixonHaa Mommoers, Br 5,8
Published electrical value	0.5	O6paTHblll TOK HEPBOñ CETKH, MEA 0,5
Tox nakaaa, MA	920 mA	Tox nakaaa, MA 840 880 920
Tox anoma, MA	86 mA	Tox anoma, MA 60 73 86
Tok aHoja B Hadaje XapaKTepPUCTHRM, MA	10 mA	Tok aHoja B Hadaje XapaKTepPUCTHRM, MA 10
Tox BTOp0# CcerkH, MA	6 mA	Tox BTOpO# CcerkH, MA 6
BriXoiHasi MOIIHOCTH NpH HeZoKane, Br	5	BriXoiHasi MOIIHOCTH NpH HeZoKane, Br 5
nogorpeBatens, MOwm	4	nogorpeBatens, MOwm 4
Kpyrrana xapaxrteprucuku, MAJB	6.8	Kpyrrana xapaxrteprucuku, MAJB 5,2 6 6.8
{xatog + nmonorpesarear), MOn	200	{xatog + nmonorpesarear), MOn 200
ConpoTHB/eHHe H	8	ConpoTHB/eHHe H30/MAUNH NepPsas €8TKa —
(aHoA + BTOpas cerca), MOwu	200	(aHoA + BTOpas cerca), MOwu 200

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
BuyTpenree comportusaeHHe, ®DM	63	BuyTpenree comportusaeHHe, ®DM 63
Kosdduumenr nennnedHbix McxaxeHnd, %	15	Kosdduumenr nennnedHbix McxaxeHnd, % 15
Ilpoxoanas emxocts, n®	1	Ilpoxoanas emxocts, n® 1
Bxoanas eMKocTh, n®	11	Bxoanas eMKocTh, n® 11
BoixonHas eMxocts, nd	6.7	BoixonHas eMxocts, nd 6,7
EMrocts Ratom-nmogorpesareis, o@	11	EMrocts Ratom-nmogorpesareis, o@ 11
Bpemst roTOBHOCr, ¢	50	Bpemst roTOBHOCr, ¢ 50
Munamanpbuas Hapa	5000	Munamanpbuas Hapa6oTka, 9 5000
Published electrical value	10000	90-npoHeHTHH pecype, % 10000
CpoOK COXpaBSieMOCTH, HeT	15	CpoOK COXpaBSieMOCTH, HeT 15
TipenenpHo NONyCTHMEE SHAYCHHA	5000	TipenenpHo NONyCTHMEE SHAYCHHA 20 500 1 20 5000 «
Published electrical value	1	9NEKTPHUELCKHX PEHAMOB SKCMAYATAHHN 1 " . :
Hanpsiskense nakana, B	8.8	Hanpsiskense nakana, B 5,7 7 6 8,8
Hanpsixense anoza, B	250	Hanpsixense anoza, B 250 250
Hanpsxenu sropoft cerxu, B	250	Hanpsxenu sropoft cerxu, B 250 250
DOJIOKHTEIbHOA NOJAPHOCTH, B	90	DOJIOKHTEIbHOA NOJAPHOCTH, B 90 90
OTPHLATEILHON NoMsipHOCTH, B	200	OTPHLATEILHON NoMsipHOCTH, B 200 200
Mompuogrs, paccensaemas aHogom, Br	20.5	Mompuogrs, paccensaemas aHogom, Br 20,5 20,5
cetkoll, Br	2 A	cetkoll, Br 2,75 A 2
Conporusnenne B -uenu nepsofi cerku, MOm	0.5	Conporusnenne B -uenu nepsofi cerku, MOm 0,5 0,5
Tox xartopa, MA	80 mA	Tox xartopa, MA 90 80
Published electrical value	180	9a¢TR npotHs anoAa, °C o 210 180
Published electrical value	3	1. Tlpu skcmayartauuu JaMnbl 3kayeHnsi BeJIHUKH, ONpeje-
#AIOMIAX DEeXKM SKCIVIIYAaTalHH, He [AOMKHH BHXOXHTH	3	#AIOMIAX DEeXKM SKCIVIIYAaTalHH, He [AOMKHH BHXOXHTH 3a
yKasaHEMe TpelesbHO JONYCTHMMe	3	yKasaHEMe TpelesbHO JONYCTHMMe 3Havenus. HeBrimosnneuue

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Published electrical value	8	'8, Jas ofecneueHHs HafeXHOCTH pabOTh JaMOB He pPeKo-
Published electrical value	180	3 Coneranne Temmeparypu GainoHa eume 180 °C m Hamps-
meHns Maxasa sume	6.3	meHns Maxasa sume 6,3 B He nomyckaerc.
Published electrical value	1.6	1,6 — otcyTeTBuT
Published electrical value	2.7	2,7 — noppesarteéns
Published electrical value	3	3 — anon
Published electrical value	4	4 — ceTra cTOpad
Published electrical value	5	5 — cerxa mepBasg
Published electrical value	8	8 —xatox E xyseoGpa-
Published electrical value	3	3ylomu# skpan
cca aamnu EarGoapias —	80	cca aamnu EarGoapias — 80 »
JNaune copepxur	301070	JNaune copepxur 301070
Bax	110	Bax, 110