



ELECTRONIC TUBE REFERENCE

6C4P

Rectifier - Full Wave electronic tube

CONSOLIDATED TECHNICAL DATA

2 SECTIONS

CONSTRUCTION

RECTIFIER-RECTIFIER

Russian miniature double-anode kenotron for AC voltage rectification. Rated for approximately 1 kV peak inverse voltage and 75 mA DC output from a conventional 6.3 V heater.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	7
NOMINAL HEATER	6.3 V / 600 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Common cathode	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Rectifier	
PEAK INVERSE VOLTAGE	1000 V
NOMINAL OUTPUT CURRENT	75 mA
MAXIMUM HEATER-CATHODE VOLTAGE	400 V
Representative section row from the complete filename-matched Russian datasheet content only; neighboring-tube fragments excluded.	

SECTION2 Rectifier	
PEAK INVERSE VOLTAGE	1000 V
NOMINAL OUTPUT CURRENT	75 mA
MAXIMUM HEATER-CATHODE VOLTAGE	400 V

Double-anode kenotron 6141 Ipyxanonusiii keHorpoH 6LI4IT npegnasHauen The 6LI4IT double-anode kenotron is designed JByxanonurie Kenorpowl 611411 Brimycxarorcs The 611411 double-anode

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kenotrons are resis-

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 · Rectifier

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Service life	1500 h	YA2pHBIX MHOTOKPAaTHHIX 10 35 g&. HawnGoabmmii Bec 15 . Maximum weight: 15 gr. FapantupoBannas pgoaroseyHocts 1500 gacos. Service life guarantee: 1500 hr.
Service life	1500 h	HawnGoabmmii Bec 15 . Maximum weight: 15 gr. FapantupoBannas pgoaroseyHocts 1500 gacos. Service life guarantee: 1500 hr.
Service life	1500 h	FapantupoBannas pgoaroseyHocts 1500 gacos. Service life guarantee: 1500 hr.
Published electrical data	7; 57; 300	U, 7V 57V IpY 300 mA
Published electrical data	1000	U, D 1000V Uin ti%% v
Published electrical data	75	ITecC 75 mA
Published electrical data	160	Toanmona 160°C
Published electrical data	1; 3	1}y AMnauTyaHoe 3HayeHHE.
Published electrical data	6	6 Lll4 I I Double-anode kenotron
Published electrical data	54.5	54,5 max
Published electrical data	61.5	61,5 max
Published electrical data	400	400 ~<] SET
Published electrical data	17; 20; 30; 40; 50; 20; 7; 60	g 17 20 30 40 50 Up. ¥ g 20 7 60 Irgr.mA
Published electrical data	2	2) duabTpa.
Published electrical data	8	8) Kaxnoro anona.

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Published electrical data	63	U, 63V Irec
Published electrical data	41; 350; =52; =8	') Mpu dasoBoM Up _41=350V, R, =52kQ u Cyp,ppn, =8 uF.
Published electrical data	=350; =5.2; =8	_ =350V, R, =5.2 kQ and Cy;., =8 uF.
Published electrical data	3	NPEJEJNBHO AONYCTHUMbBIE 3KCNJYATAUWOHHBIE JAHHbBIE


SOURCE DATA APPENDIX

SOURCE OPERATING CONDITIONS

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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 · Rectifier

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater voltage nominal	6.3 V	Published heater operating voltage
Heater current nominal	600 mA	Nominal or midpoint of published heater-current tolerance
Plate current at 50 V	150 mA	Minimum
Rectified current	75 mA	350 V AC, 5.2 kOhm, 8 uF
Service life	1500 h	Minimum

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Peak inverse voltage	1000 V	Published limit
Heater-cathode voltage positive	100 V	Published limit
Heater-cathode voltage negative	400 V	Published limit