

ELECTRONIC TUBE REFERENCE

6C5S

Rectifier - Full Wave electronic tube

CONSOLIDATED TECHNICAL DATA
2 SECTIONS
CONSTRUCTION
RECTIFIER-RECTIFIER

Indirectly heated double-anode kenotron for full-wave power-frequency rectification. Its 6.3 V heater and two rectifier sections provide moderate-current conventional electronic DC power.

GENERAL CHARACTERISTICS

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

SECTION RATINGS

SECTION1 Rectifier	
PEAK INVERSE VOLTAGE	1100 V
NOMINAL OUTPUT CURRENT	75 mA
Representative section row from the complete filename-matched Russian datasheet content only; neighboring-tube fragments excluded.	

SECTION2 Rectifier	
PEAK INVERSE VOLTAGE	1100 V
NOMINAL OUTPUT CURRENT	75 mA
Second physical Rectifier section added for documented double-anode kenotron construction.	

Double-anode kenotron 6L15C JByxanonubiii xeHorpon 6LI5C npeamasHaden The 6LI5C double-anode kenotron is designed JByxanaxuble keHorpousl 6LI5C BHImyckatorcd The 6LI5C double-anode kenotrons are enco- BO3JIEHCTBHIO OKpyxXKamwmeil TemMneparyps ot —60 The 6LI5C double-anode 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	1000 h	MeXaHUYeCcKNX BHOPAUHOHHBIX HArpysok po 2,5 g. well as to mechanical vibration loads up to 2.5 g. Han6onpmuit Bec 40 e. Maximum weight: 40 gr. FaparrupoBansas moaroseynocts 1000 wuacos. Service life guarantee: 1000 hr,
Service life	1000 h	Han6onpmuit Bec 40 e. Maximum weight: 40 gr. FaparrupoBansas moaroseynocts 1000 wuacos. Service life guarantee: 1000 hr,
Service life	1000 h	FaparrupoBansas moaroseynocts 1000 wuacos. Service life guarantee: 1000 hr,
Published electrical data	1200	Téamlox-xa 1200 C
Published electrical data	3	') AMIOJMTYZHOe 3HaueHHeE,
Published electrical data	2	2) Buyrpennee ϕ a30Bo€ CONPOTHBJEHHE HCTOYHMKA NEPEMEHHOTO HANPSAXKEeHHs.
Published electrical data	6; 5	6 L 5C Double-anode kenotron
Published electrical data	23	" 23Imax
Published electrical data	10; 20; 30; 40; 50; 0; 20; 40	[10 20 30 40 50 Up. V 0 20 40 60 Irgp.mA
Published electrical data	=1	Ip=t1 (UD) Uee =1 (Irec)
Published electrical data	6.3; =63; =8	Uh=6,3V U,=63V C2)=8puF
Published electrical data	2	2) @uabtpa.
Published electrical data	3	3) Kaxnoro anopa.

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Published electrical data	=400; =57; 8	)) ITP U =400 V, R, =57 k@, C=8 yF.
Published electrical data	3	NPEAEJABHO HAONYCTHMBIE 3KCHNJIYATALMOHHBIE JAHHBIE



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 · 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
Rectified current	70 mA	Published test condition
Service life	1000 h	Minimum

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Peak inverse voltage	1100 V	Published limit
Rectified current limit	75 mA	Published limit

TUBE TINKER

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