

ELECTRONIC TUBE REFERENCE

6H2P

Diode (NOT rectifier) electronic tube

CONSOLIDATED TECHNICAL DATA
2 SECTIONS
CONSTRUCTION
DIODE-DIODE

Russian miniature double diode designed for detector, discriminator, and low-power rectifier service.

GENERAL CHARACTERISTICS

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

SECTION RATINGS

SECTION1 Diode

No fixed ratings recorded.

Electrical characteristics/rating tables read in full; English favored.

SECTION2 Diode

No fixed ratings recorded.

Physical second diode section added during approved section-structure reconciliation.

The 6X2I1 double diode is used as a detector, 60TH1 B KauecTBe NETEKTOpPAa, IUCKPUMHHATOpPA H discriminator and low-power kenotron.

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 · Diode

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Source symbol U,	63 V	U, 63V ITBC I)
Published electrical parameter	17 mA	17 mA
Source symbol I,	30025 mA	I, 30025 mA I, 20 nA
Published electrical parameter	2±150 V	1y =2X 150 V, R, =100 k8, Cypg
Published electrical parameter	40 kΩ	?) Havaapuniii TOK Kamporo awofa mpu U, =0, R, =40 kQ.
Plate	40 kΩ	Initial current of each anode at U, =0, R, =40 kQ
Published electrical parameter	18 pF	Cxp!) 38%18pF Cpipz <0,04 pF
Source symbol Cpipz	<0.04 pF	Cxp!) 38%18pF Cpipz <0,04 pF
Published electrical parameter	34114 pF	CpxV) 34114 pF Cin <4 pF
Source symbol Cin	<4 pF	CpxV) 34114 pF Cin <4 pF
Source symbol Uy	69 V	Uy 69V 57V U ®) 350 V
Source symbol V	57 V	Uy 69V 57V U ®) 350 V
Published electrical parameter	350 V	Uy 69V 57V U ®) 350 V
Published electrical parameter	450 V	Up iny D) 450V
Source symbol Y	90 mA	;Y 90 mA
Source symbol Irec	20 mA	Irec 20 mA
Published electrical parameter	41 mA	41 max

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Published electrical parameter	150 V	0 - Y= 150V (ef7)
Published electrical parameter	63 V	U _g =63V Ct'pnnbrpa = 8 uF

TUBE TINKER

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