



ELECTRONIC TUBE REFERENCE

6H2PE

Diode (NOT rectifier) electronic tube

CONSOLIDATED TECHNICAL DATA

2 SECTIONS

CONSTRUCTION

DIODE-DIODE

Russian dual diode documented in the manufacturer source; available application detail is insufficient to justify a narrower functional classification.

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.

6H2PE: DualDiode vacuum tube from bilingual English/Russian source.

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 oeeunocts	5000 μA	IapanrupoBannas noaroeenocts 5000 uacos. Service life guarantee: 5000 hr.
Source symbol U,	63 V	U, 63V Irec l)
Published electrical parameter	<17 mA	<17 mA
Source symbol I,	30025 mA	I, 30025 mA IDz 2) <20 pA
Published electrical parameter	<20 pA	I, 30025 mA IDz 2) <20 pA
Source symbol npu	2$\pm$150 V	') Tlpu mepeMeHHOM HaNpPSiXKEHMH BTOPHUHON OGMOTKH TpaHCchopMmartopa npu 2X 150 V,
Source symbol at	2$\pm$1580 V	With a. c. voltage across the transformer secondary at 2X1580 V, Ry = 10k,
Published electrical parameter	40 kΩ	%) Havamenmiét Tox npu Up =0, R, =40 kQ.
Published electrical parameter	4119 pF	Cxp!) 4119 pF Cpipz <003 pF
Source symbol Cpipz	<003 pF	Cxp!) 4119 pF Cpipz <003 pF
Published electrical parameter	36+12 pF	Cpx') 36+12pF Cn <38pF
Source symbol Cn	<38 pF	Cpx') 36+12pF Cn <38pF
Source symbol Uy	7 V	Uy 7V 57V U +200
Source symbol V	57 V	Uy 7V 57V U +200
Published electrical parameter	450 V	Upine) 450V
Published electrical parameter	650 MHz	12) - 650 MHz

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Source symbol y	90 mA	I imp 1y 90 mA
Source symbol rec	18 mA	1 rec 18 mA
Source symbol 0HAHCHAsA	4 A	2y CobGcrBeHHast pe3OHAHCHAsA 4acToTa.
Source symbol Y	150 V	/ — Y150V (e
Published electrical parameter	63 V	(ans ogHoro nuona) (a1 opHoro amona) U,=63V Counprpa = 8 UF
Published electrical parameter	200 Ω	(for one diode) (for one diode) R, !) =200 Q tilter