ELECTRONIC TUBE REFERENCE

6X2PEV

Diode (NOT rectifier) electronic tube

CONSOLIDATED TECHNICAL DATA
2 SECTIONS
CONSTRUCTION
DIODE-DIODE

Russian dual-diode variant documented with electrical characteristics but insufficient application information for a narrower functional assignment.

General characteristics

BASE DESIGNATION	–	**BASE PINS**	7
NOMINAL HEATER	6.3 V / 300 mA	**PARALLEL HEATER**	– / –
HEATING	Indirect	**SERIES OPERATION**	Not specified
CATHODE ARRANGEMENT	Separate cathodes	**SECTION CONSTRUCTION**	Similar

Section ratings

SECTION1 Diode

PEAK INVERSE VOLTAGE	420 V

Filename-matched Russian source entry only.

SECTION2 Diode

No fixed ratings recorded.

Second physical diode section added in approved section-structure reconciliation.

Russian dual-diode vacuum tube. Technical characteristics and ratings are taken from the complete filename-matched source entry.

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 · Diode

CHARACTERISTICS

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater current	**300 mA**	Translated from Russian source; Ток накала, мА . . . . 300 +25 30025 30015 300--25 300

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Service life	**500 h**	Translated from Russian source; Наработка, ч .. 2>5000 2>5000 2>5000 2>500 —
Heater voltage	**6.9 V**	Translated from Russian source; Напряжение накала, В 5,7—6,9 5,7—1 6—6,6 5,7—7 5,7—6,9
Peak inverse voltage	**420 V**	Translated from Russian source; Обратное напряжение, В 450 450 500 450 420