



ELECTRONIC TUBE REFERENCE

6J3P

Power - Beam (NOT sweep) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

BEAMPOWER

Russian beam-power transmitting tube intended for RF power amplification and oscillator service, providing useful high-frequency output from a compact receiving-style envelope.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	8
NOMINAL HEATER	6.3 V / 300 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Beam Power	
MAXIMUM PLATE VOLTAGE	330 V
MAXIMUM SCREEN VOLTAGE	165 V
<i>Values promoted where clearly identifiable from Russian source.</i>	

Beam tetrode for high-frequency voltage amplification.

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 · Beam Power

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate current	7 mA	Published Russian-source value; OCR-normalized.
Screen current	2	Published Russian-source value; OCR-normalized.
Input capacitance	1.2	Published Russian-source value; OCR-normalized.
Plate current	10.25 mA	Published Russian-source value; OCR-normalized.
Screen current	2.2 mA	Published Russian-source value; OCR-normalized.
Heater current	300 mA	Nominal/published heater value.

TUBE TINKER

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