



ELECTRONIC TUBE REFERENCE

30P1S

Power - Beam Single (NOT sweep) (under 10W) electronic tube

CONSOLIDATED TECHNICAL
DATA

1 SECTION
CONSTRUCTION
BEAMPOWER

Russian beam-power output tube for low-frequency power amplification, combining about 10 mS transconductance with substantial current at relatively modest supply voltage.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	8
NOMINAL HEATER	30 V / 300 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Beam Power	
TRANSCONDUCTANCE	0.01 S
MAXIMUM PLATE VOLTAGE	250 V
MAXIMUM SCREEN VOLTAGE	110 V
MAXIMUM PLATE DISSIPATION	7 W
MAXIMUM SCREEN DISSIPATION	1.5 W
<i>Published ratings/characteristics promoted where clearly identified; additional bilingual values retained as parameters.</i>	

The 30P1S is an indirectly heated output beam tetrode for low-frequency power amplification.



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 · Beam Power

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Grid 1 voltage	-7.5 V	Published operating point
Anode current	70 mA	Published value
Transconductance	10 mA/V	Published nominal
Input capacitance	19 pF	Interelectrode
Transfer capacitance	1 pF	Interelectrode
Output capacitance	15 pF	Interelectrode
Guaranteed service life	500 h	Published guarantee



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1970 Russian Tubes Mashpriborintorg

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1970 RUSSIAN TUBES MASHPRIBORINTORG

Section 1 · Beam Power

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Guaranteed service life	500 h	PublishedGuarantee
Transconductance	10 mA/V	PublishedElectricalCharacteristics

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