



ELECTRONIC TUBE REFERENCE

10J12S

Voltage - Pentode Sharp Cutoff (single) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

PENTODE

Russian pentode documented in bilingual manufacturer literature with guaranteed electrical characteristics. The available source establishes pentode operation but does not expose enough explicit application wording to justify a stronger functional category than its existing sharp-cutoff grouping.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	6
NOMINAL HEATER	10 V / 320 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Pentode	
PLATE RESISTANCE	500000 Ω
TRANSCONDUCTANCE	0.00185 S
MAXIMUM PLATE VOLTAGE	250 V
MAXIMUM SCREEN VOLTAGE	180 V
MAXIMUM PLATE DISSIPATION	1.9 W
MAXIMUM SCREEN DISSIPATION	0.4 W
<i>Published ratings/characteristics promoted where clearly identified; additional bilingual values retained as parameters.</i>	

The 10J12S is a pentode described in the bilingual Russian/English source.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1970 Russian Tubes Mashpriborintorg

Published test conditions and operating points. Values on this page are preserved as reported by this source.

1970 RUSSIAN TUBES MASHPRIBORINTORG

Section 1 · Pentode

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Guaranteed service life	1000 h	PublishedGuarantee
Transconductance	1.85 mA/V	PublishedElectricalCharacteristics

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